

SUPERLINK 2th edition



RF COAXIAL CONNECTOR

Provide The Most Effective Interconnection Solutions



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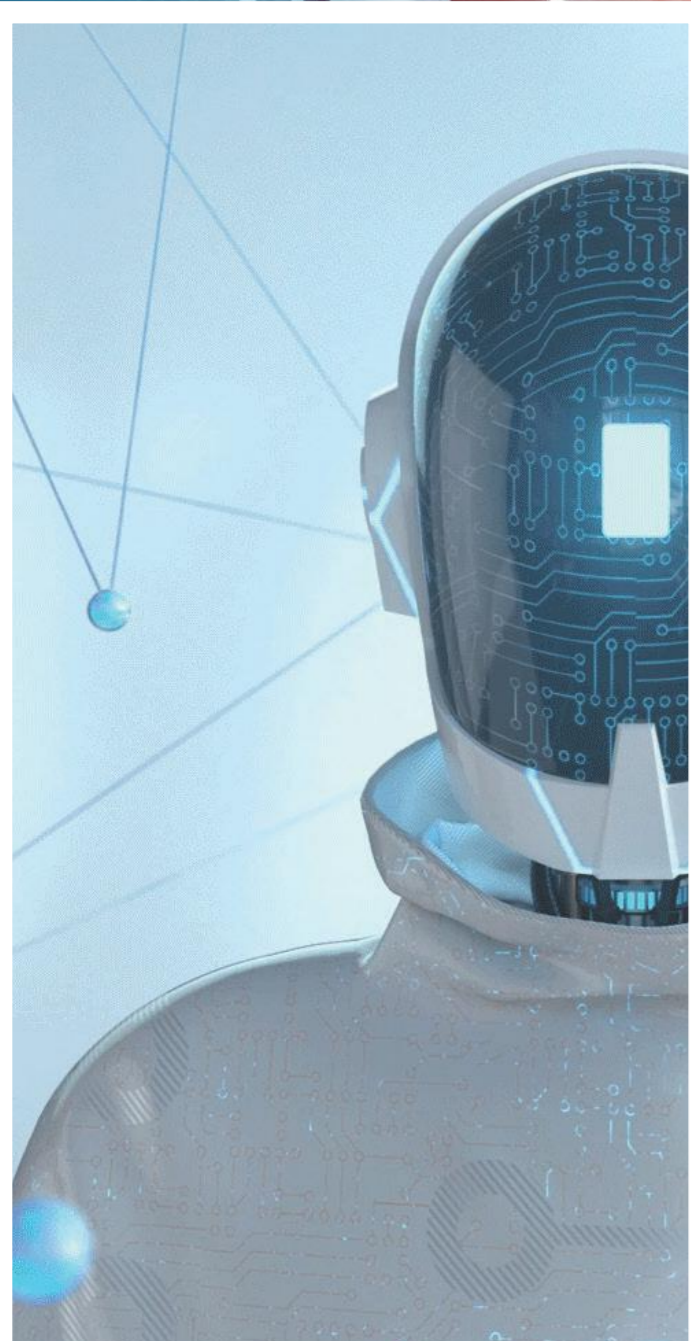
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SHENZHEN SUPERLINK TECHNOLOGY CO.,LTD.



Our Vision

Establish an international brand and continuously create value for social and human development



Our Mission

Provide value-added products and professional services to society through technology innovation and leadership



Our Core Values

Customer First
Keep Promise
Continuously Improve
Win-Win-Win Cooperation

Shenzhen Superlink Technology Co.,Ltd.

Is founded in 2008, specializing in the development, design and manufacture of interconnection products and solutions.

We own strong scientific research strength, precision equipments and professional management systems. With reliable and consistent quality, we have been recognized by many customers and established long-term strategic partners with many top fortune 500 enterprises globally.

We are professional to provide ODM, OEM and engineering customization services, our related products have been widely used in telecommunications, data communication, test and measurement, medical, industrial automation, military, semiconductor, aerospace and so on. With outstanding technical innovation and professional service as our mission, we provide to customers the most effective interconnection solutions.



Telecom



Health Care



Aerospace



Data Communication



Test Measurement



Industrial Automation

Company Milestone

- **Founded** in Dongguan
- Passed ISO9001:2008

2008

2009

- Factory moved to Shenzhen
- Became a strategic partner of Volex,Times
- Obtained the first patent

- Produced RF cable assemblies
- Obtained UL & CUL certification
- Product frequency up to **20GHz**

2010

2013

- Passed medical certification:ISO13485:2003
- Passed ISO14001:2004
- Product reached **40GHz**

- Passed ISO14001:2004
- Became a member of Shenzhen special equipment association

2015

- Became an IPC member
- Established the TEMP BU
- Passed the national high-tech enterprise certification
- Products reach **67GHz**
- Established cable processing workshop

2017

2019

- Approved by Guangdong Province RF microwave passive components and system engineering technology research center
- Passed intellectual property management system certification GB/T29490-2017;
- Successfully developed semiconductor manufacturing and testing products

- Established clean assembly workshop and constant temperature and humidity machine processing workshop
- Product frequency reach **110GHz**

2020

- Obtained Shenzhen Science and Technology Innovation Commission technology center
- Passed IATF16949 :2016
- Obtained **100+** patent certifications

2021

2022

- Became a member of China Electronic Components Association

R&D CAPABILITY >>>



Design Ability

- RF product frequency up to 110GHz
- PIM <-125 dBm
- Product life can be up to 100,000 times
- Air tightness
- Precision test requirement
- SI simulation test board & test fixture design
- Machining Parts & Mold Design



Software & Test Equipment

- Keysight network analysis, 26.5GHz, 40 GHz, 67GHz, up to 110 GHz
- Electrical Test: network analyzer test, 3rd (passive) intermodulation test (PIM), Comprehensive cable test/Contact resistance test/Insulation resistance test/withstand voltage test
- Mechanical test: Rockwell 2.0, automatic plug test, push-pull torque test
- Environment and reliability testing,salt spray, airtight, aging,impact, IP67/68 waterproof, Failure cause analysis
- Ansoft HFSS software

PRODUCTION CAPABILITY >>>



Machining and Assembly Workshop


- The accuracy of STAR CNC from Japan reaches 0.002mm
- Has an automated semi-rigid cable bending machine that can make special 3D shapes
- Possess the welding ability of ultra-micro coaxial and low in termodulation radio frequency cable assemblies
- Heat treatment capacity up to 2500 C various encapsulation processes
- Special waterproof production capacity, IP68 airtight level



Cable Workshop

- The constant tension winding production line adopts German ZF hysteresis tension controller and Mitsubishi servo motor. I can wind the core wire in the range of 2-15mm, the pitch range is 0.5-20mm, and the winding head speed is 0-1000 rpm to ensure the cable in the winding process The consistency, reliability, and stability of performance.
- The knitting machine adopts advanced frequency conversion control (technology which has the characteristics of stepless speed regulation, high-speed knitting, fault alarm, low nose, high reliability, high precision and high strength. Ensure that the binding force and shielding properties of the product during processing meet the standard requirements, and there are no undesirable phenomena such as broken wires and loose weaving.

SLK PRODUCTS LIST >>>




RF connector

- Type: 1.0mm, 1.35mm, 1.85mm, 2.92mm, 7/16 mm, BMA, BNC, MCX, MMCX, N, SMA, SMB, SMP, SSMP, TNC, UHF, etc
- Frequency: up to 110GHz




Test cable assemblies

- From durable to VNA high precision series, many kinds of adapters, meet all the requirements of switching test
- Frequency: up to 110GHz
- Application: network analyzer test, RF conductor test, mobile phone production line test



RF test probes

- Multi-channel series
- Customization series
- Reliable quality



RF coaxial cable


- Main products: high frequency cable, amplitude and phase stable cable and test Railway cable etc.
- Frequency: 18GHz, 40GHz, 67GHz to 110GHz
- Support customization

SLK PRODUCTS LIST >>>



RF Cable assemblies

- Phase match & Stable
- Hybrid & Microwave
- Flexible
- Semi-flex and Semi-rigid
- Corrugated



Custom wiring harness

- Medical
- Semi-conductor
- Aerospace
- Automotive
- Industrial



Industrial/military/mixed connector

- MIL -DTL- 38999 series connector
- MS hybrid module combination connector
- Industrial connectors: M12 and M16, etc
- Push and pull self-locking connector



Transient EM Pulse Protection

- DC PASS, DC Block, and TEMP comprehensive protection solutions
- Features: SLK TEMP protection core technology
- Applications: rail transit, radar, aircraft, military, wireless communications etc



APPENDIX

Company Profile	01	BMA	82/87
1.0mm	11	BNC	88/93
1.35mm	12	TNC	94/99
1.85mm	13/16	MCX	100/105
2.4mm	17/22	MMCX	106/111
2.92mm	23/32	UHF	112/115
3.5mm	33/35	FME	116
1.0/2.3	36/39	N	117/124
4.3/10	40/43	HN	125/128
7/16	44/49	LC	129
SSMP	50/55	D-SUB	130/132
SBMA	56	FAKRA	133
SMA	57/64	MIXED	134
SMB	65/70	BUNDLE	135
SMC	71/73	ADAPTER	136/141
SMP	74/81	REFERENCE	142/146

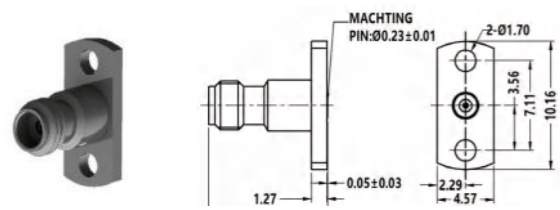
Provide The Most Effective Interconnect Solutions

1.0mm Series Connector

1.0mm Series

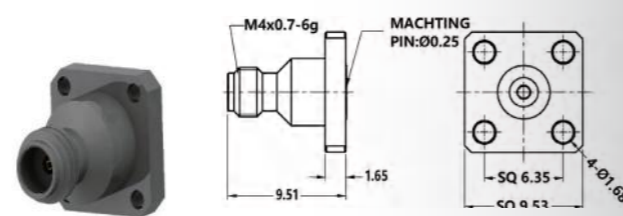
1.0mm connectors, with a frequency of up to 110GHz, are used in high-performance radio frequency measurement, autonomous vehicles, 5G communications and other fields.

1.0mm straight female connector (PCB connector)



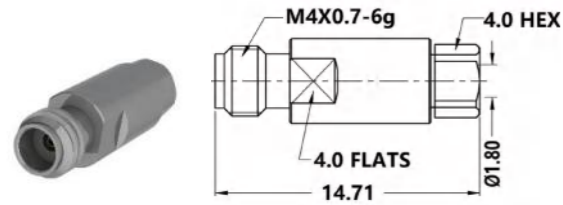
SLK P/N: 5T1F84S-H21
Mounting: 2 hole flange
Frequency: 110 Ghz

1.0mm straight female connector (PCB connector)



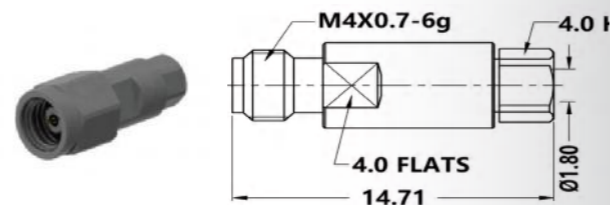
SLK P/N: T-5T1F88S-H41
Mounting: 4 hole flange
Frequency: 110 Ghz

1.0mm straight female connector (flexible cable solder type)



SLK P/N : T-5T1F15S-A659
Cable: SPB-160
Frequency: 110 Ghz

1.0mm straight male connector (flexible cable solder type)



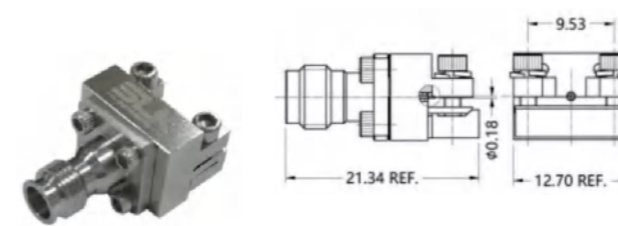
SLK P/N: T-5T1M15S-A659
Cable: SPB-160
Frequency: 110 Ghz

1.35mm Series Connector

1.35mm Series

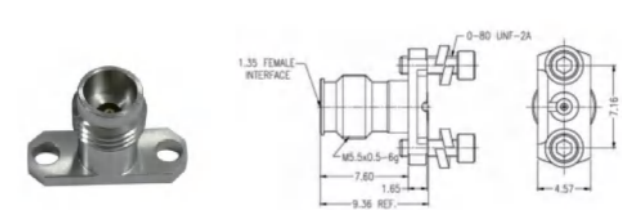
1.35mm connector, using frequency up to 90GHz, used in high-performance radio frequency measurement, autonomous vehicles, 5G communication and other fields.

1.35mm straight female connector (PCB connector)



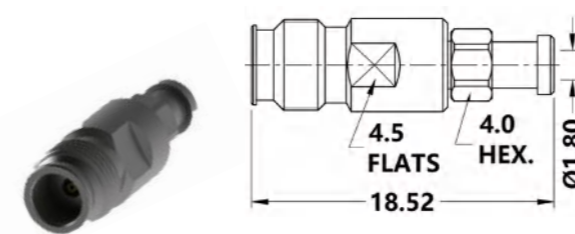
SLK P/N: T-5T2F80S-H41
Mounting: PCB end-launch
Frequency: 90 Ghz

1.35mm straight female connector (PCB connector)



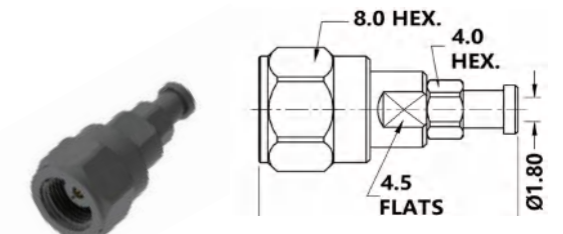
SLK P/N: T-5T2F80S-H21
Mounting: 2 hole flange
Frequency: 90 Ghz

1.35mm straight female connector (flexible cable solder type)



SLK P/N: T-5T2F15S-A659
Cable: SPB-160
Frequency: 90 Ghz

1.35mm straight male connector (flexible cable solder type)

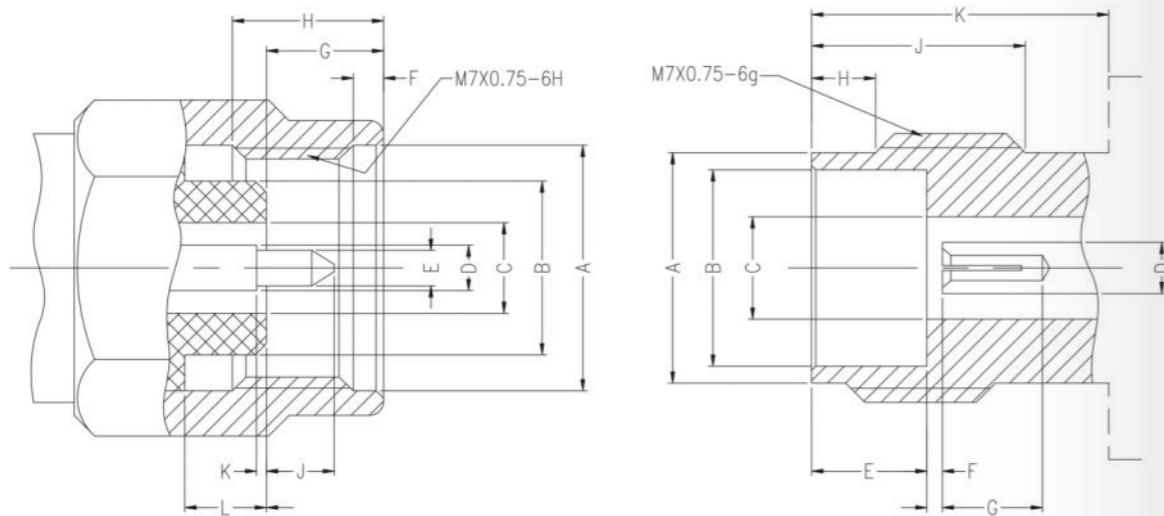


SLK P/N: T-5T2M15S-A659
Cable: SPB-160
Frequency: 90 Ghz

1.85mm Series Connector

1.85mm Series

Superlink 1.85mm microwave RF connector adopts air interface medium, which is small in size, light in weight, and has good connection reliability. The operating frequency is up to 65GHz. It is widely used in modern precision measurement and testing fields and various millimeter wave communication equipment. The mechanical interface is compatible with 2.4mm connectors.



Male

Label	Minimum	Max
A	7.01	7.01
B	4.725	4.725
C	1.845	1.845
D	0.80	0.80
E	0.506	0.506
F	0.51	0.51
G	1.85	1.85
H	4.37	4.37
J	1.335	1.335
K	-	-
L	3.38	3.38

Female

Label	Minimum	Max
A	5.79	5.89
B	4.77	4.795
C	1.845	1.855
D	0.80	0.808
E	3.00	3.10
F	-	0.05
G	2.65	-
H	1.37	1.63
J	4.80	5.06
K	6.00	-

Note: unit mm
Reference standard: IEEE Std 287

1.85mm Series Connector

1.85mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-65 GHz
Operating Voltage	150 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor $\leq 2.2 \text{ m}\Omega$ (initial value) Outer conductor: $\leq 0.15 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 500 \text{ m}\Omega$
VSWR	≤ 1.3 (typical value)

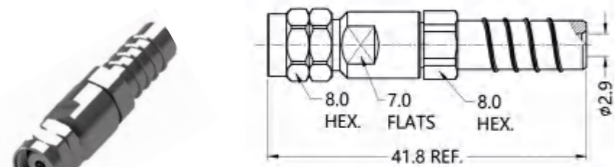
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel	Gold-plated, passivated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper	
Insulator	PEI, PEEK, TEFLON	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 14 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 3.2 \text{ ounces}$
Center pin pull-out force	$\geq 0.5 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500times

1.85mm Series Connector

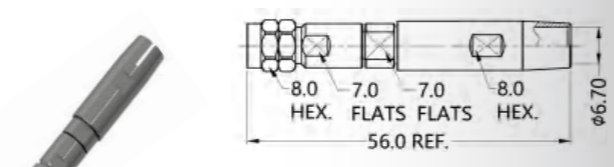
1.85mm Series

1.85mm straight male connector (Flexible cable spinning type)



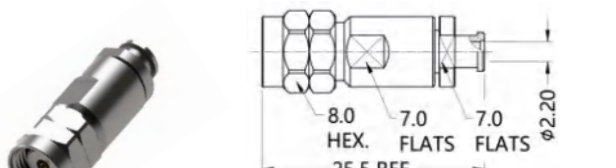
SLK P/N: 5P1M15S-A534
Cable: TCF 219
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



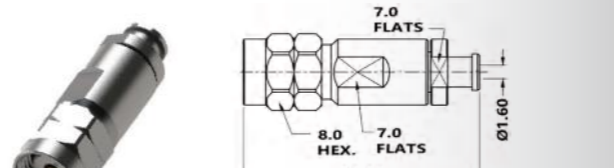
SLK P/N: 5P1M15S-A534
Cable: TCF 219
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



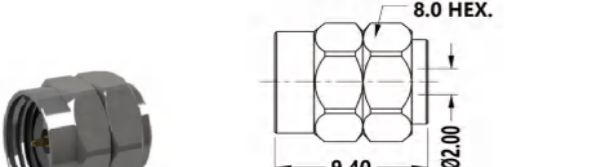
SLK P/N: 5P1M15S-A420-001
Cable: Tflex 047
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



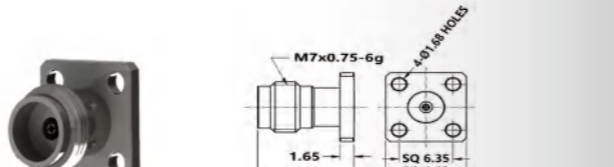
SLK P/N: 5P1M15S-A420
Cable: P-Flex 047
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



SLK P/N: 5P1M11S-A646
Cable: TBEND-250-L
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)

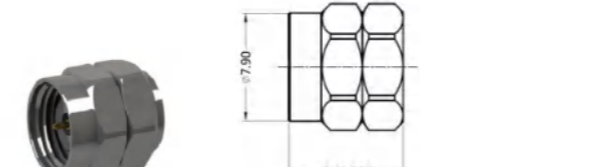


SLK P/N: 5P1F88S-H41
Mounting: 4 hole flange
Frequency: 67 Ghz

1.85mm Series Connector

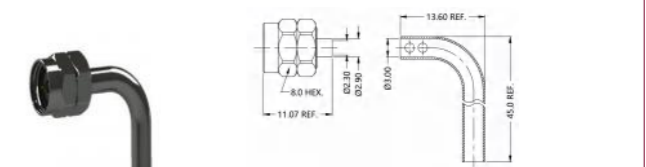
1.85mm Series

1.85mm straight male connector (flexible cable solder type)



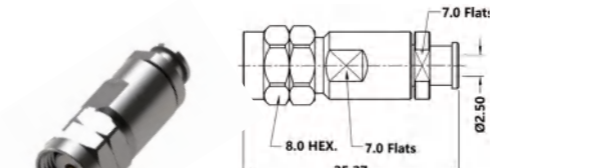
SLK P/N: 5P1M11S-A620
Cable: TBEND-250-L
Frequency: 67 Ghz

1.85mm right angle male connector (flexible cable solder type)



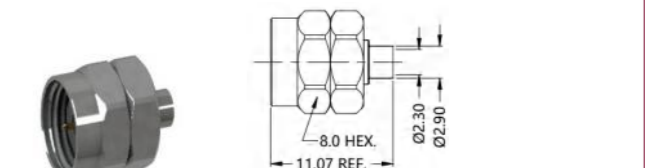
SLK P/N: 5P1M15R-A552
Cable: TBEND-250-L
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



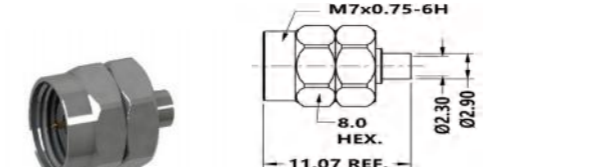
SLK P/N: 5P1M15S-A552-001
Cable: SPB-230
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



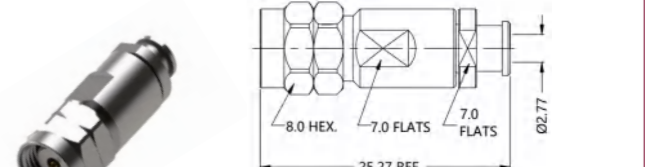
SLK P/N: 5P1M15S-A552-002
Cable: SPB-230
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



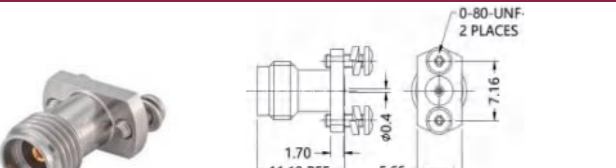
SLK P/N: 5P1M15S-A552-006
Cable: SPB-230
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



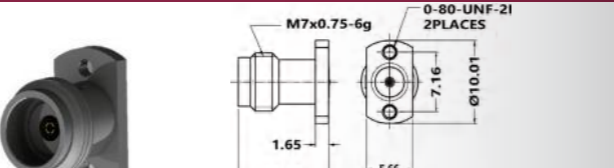
SLK P/N: 5P1M15S-A564-002
Cable: SPB-230-P
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



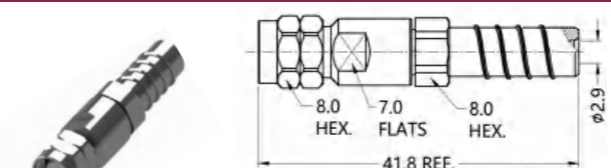
SLK P/N: 5P1F87S-H21-002
Mounting: 2 hole flange
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



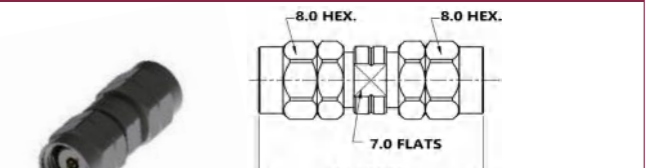
SLK P/N: 5P1F87S-H21-001
Mounting: 2 hole flange
Frequency: 67 Ghz

1.85mm straight male connector (Flexible cable spinning type)



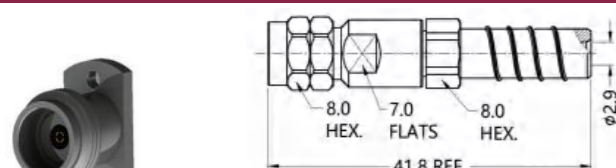
SLK P/N: 5P1M15S-A534
Cable: TCF 219
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



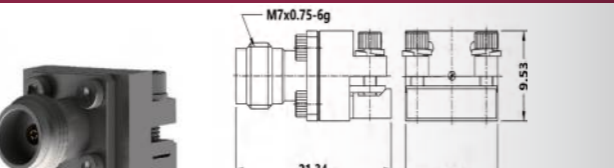
SLK P/N: 5P1M15S-A420-002
Cable: TBEND-250-L
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



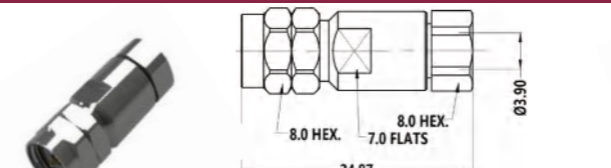
SLK P/N: 5P1F87S-H21
Mounting: 2 hole flange
Frequency: 67 Ghz

1.85mm straight female connector (PCB connector)



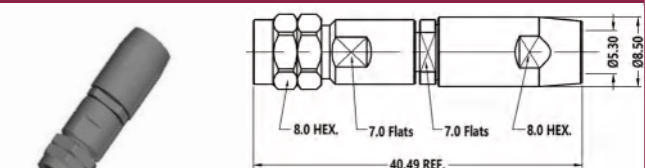
SLK P/N: 5P1M15S-A534
Cable: TCF 219
Frequency: 67 Ghz

1.85mm straight male connector (flexible cable solder type)



SLK P/N: 5P1M15S-A436
Cable: SPB-230-P
Frequency: 50 Ghz

1.85mm straight male connector (flexible cable solder type)



SLK P/N: 5P1M15S-A552
Cable: SPB-230
Frequency: 65 Ghz

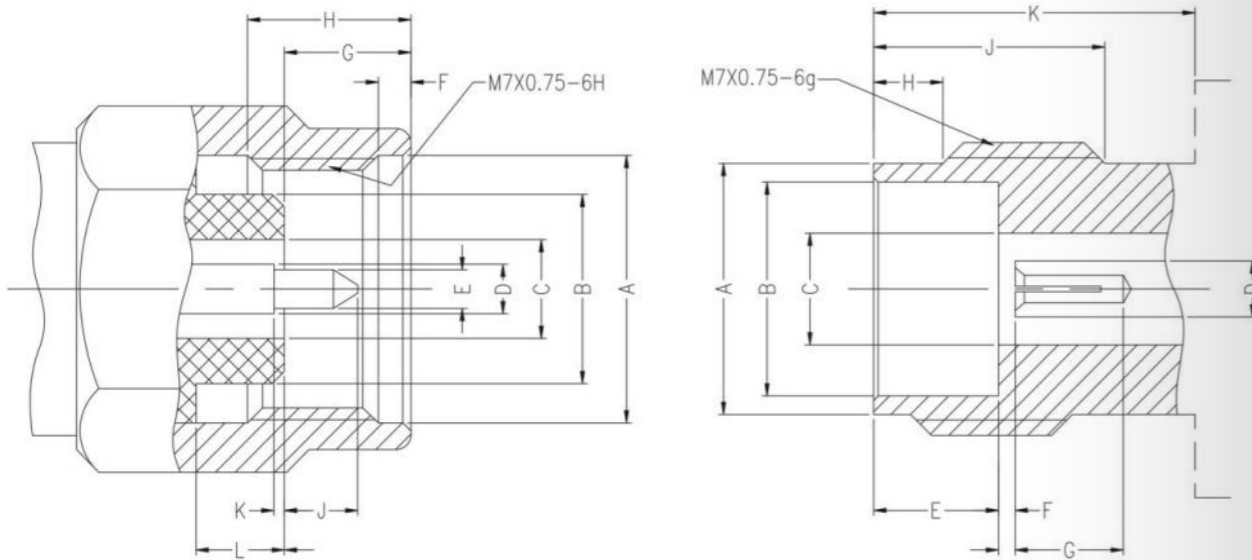
1.85mm Series

1.85mm Series

2.4mm Series Connector

2.4mm Series

Superlink 2.4mm microwave RF connector was developed and applied to 50GHz high frequency communication. Different from SMA and 2.92mm, 2.4mm adopts thick-walled outer conductor design to ensure stronger connection reliability. It is widely used in modern precision measurement and testing fields and various millimeter wave communication equipment.



Male

Label	Minimum	Max
A	7.01	7.11
B	4.725	4.75
C	2.395	2.405
D	1.038	1.046
E	0.506	0.516
F	0.51	0.77
G	1.85	2.45
H	4.37	4.63
J	1.335	1.445
K	-	0.05
L	3.38	3.48

Female

Label	Minimum	Max
A	5.79	5.89
B	4.77	4.795
C	2.395	2.405
D	1.038	1.046
E	3.00	3.10
F	-	0.05
G	2.65	-
H	1.37	1.63
J	4.80	5.06
K	6.00	-

Note: unit mm
Reference standard: IEEE Std 287-2007

2.4mm Series Connector

2.4mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-50 GHz
Operating Voltage	150 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 3.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.15 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 500 \text{ m}\Omega$
VSWR	≤ 1.30 (typical value)

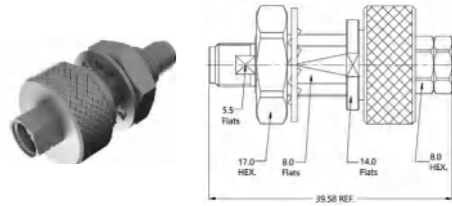
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel	Gold-plated, passivated
Inner conductor	Male head: brass	Gold
	Female head: beryllium copper	
Insulator	PEI, PEEK, TEFLON	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 14 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 3.2 \text{ ounces}$
Center pin pull-out force	$\geq 0.5 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

2.4mm Series Connector

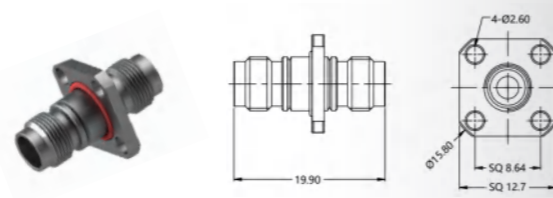
2.4mm Series

2.4mm female to 2.4mm male adapter



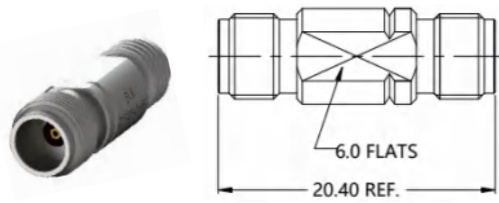
SLK P/N: T-5P4F06S-P4M-005
Frequency: 50 GHz

2.4mm female to 2.4mm female adapter



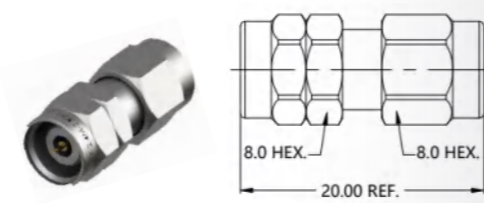
SLK P/N: 5P4F86S-P4F-001
Frequency: 50 GHz

2.4mm female to 2.92mm female adapter



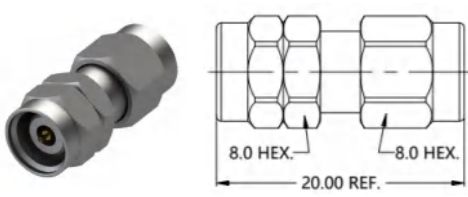
SLK P/N: T-5P4F06S-P9F-006
Frequency: 40 GHz

2.4mm male to 2.92mm male adapter



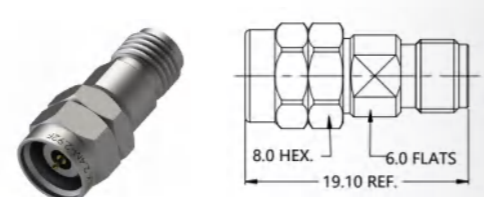
SLK P/N: T-5P4M06S-P9M-003
Frequency: 40 GHz

2.4mm male to 2.92mm male adapter



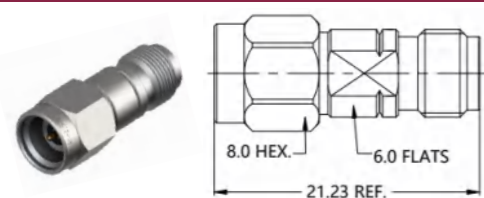
SLK P/N: T-5P4M06S-P9M-004
Frequency: 40 GHz

2.4mm male to 2.92mm female adapter



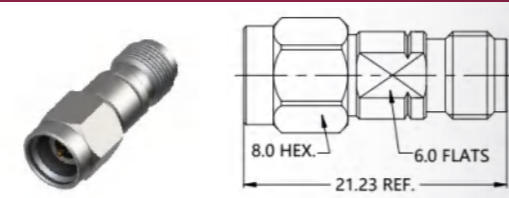
SLK P/N: T-5P4M06S-P9F-005
Frequency: 40 GHz

2.4mm female to 2.92mm male adapter



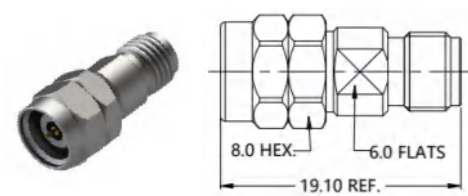
SLK P/N: T-5P4F06S-P9M-007
Frequency: 40 GHz

2.4mm female to 2.92mm male adapter



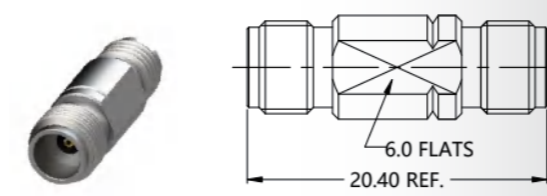
SLK P/N: T-5P4F06S-P9M-008
Frequency: 40 GHz

2.4mm male to 2.92mm female adapter



SLK P/N: T-5P4M06S-P9F-006
Frequency: 40 GHz

2.4mm female to 2.92mm female adapter

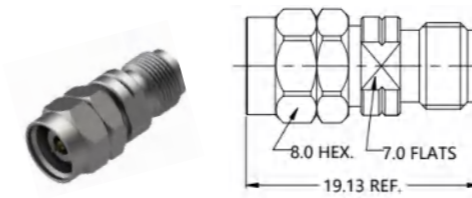


SLK P/N: T-5P4F06S-P9F-007
Frequency: 40 GHz

2.4mm Series Connector

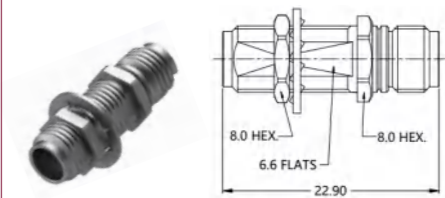
2.4mm Series

2.4mm female to 2.4mm male adapter



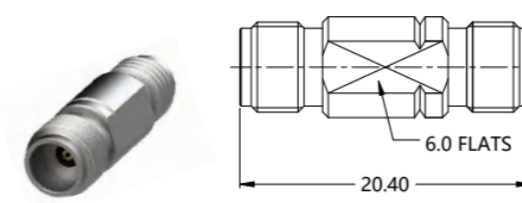
SLK P/N: T-5P4F06S-P4M-006
Frequency: 40 GHz

2.4mm female to 2.4mm female adapter



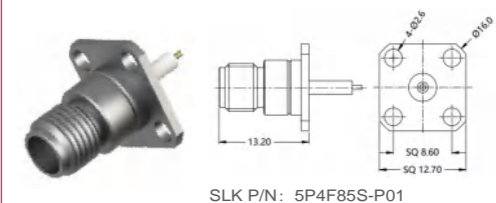
SLK P/N: 5P4F06S-P4F-004
Frequency: 50 GHz

2.4mm female to 2.92mm female adapter



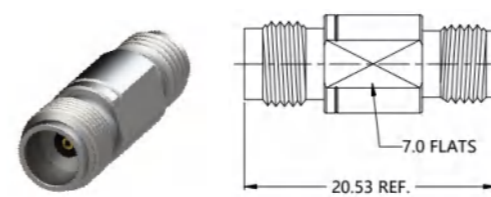
SLK P/N: 5P4F06S-P9F-002
Frequency: 40 GHz

2.4mm straight female connector



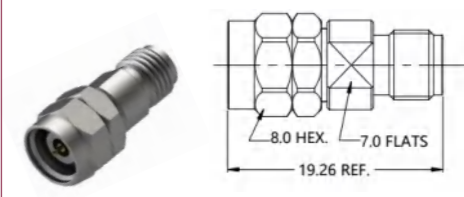
SLK P/N: 5P4F85S-P01
Mounting: 4 hole flange
Frequency: 50 GHz

2.4mm female to 3.5mm female adapter



SLK P/N: 5P4F06S-P3F
Frequency: 26.5 GHz

2.4mm male to 3.5mm female adapter



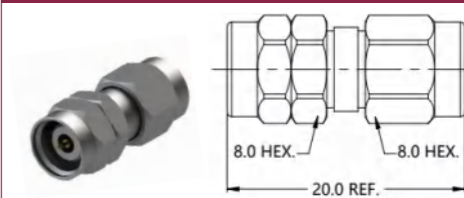
SLK P/N: 5P4M06S-P3F-003
Frequency: 33 GHz

2.4mm straight male connector



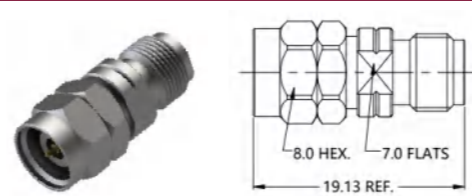
SLK P/N: 5P4M15S-S01-001
Cable: SPO-220
Frequency: 50 GHz

2.4mm male to 2.92mm male adapter



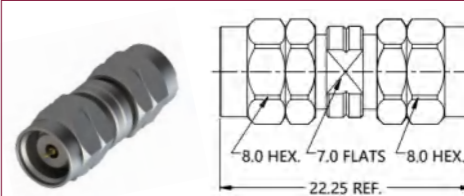
SLK P/N: 5P4M06S-P9M-001
Frequency: 40 GHz

2.4mm female to 2.4mm male adapter



SLK P/N: 5P4F06S-P4M-001
Frequency: 50 GHz

1.85mm male to 2.4mm male adapter



SLK P/N: T-5P1M06S-P4M-002
Frequency: 50 GHz

2.4mm Series Connector

2.4mm Series

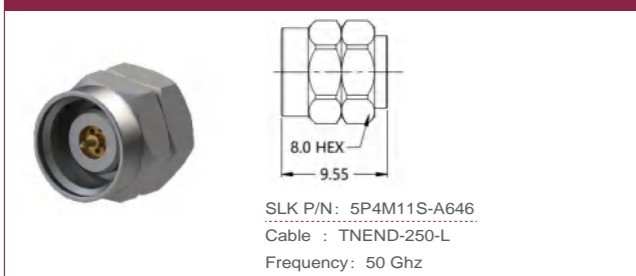
2.4mm straight male connector (Flexible cable solder type)



2.4mm straight male connector (semi-steel cable solder type)



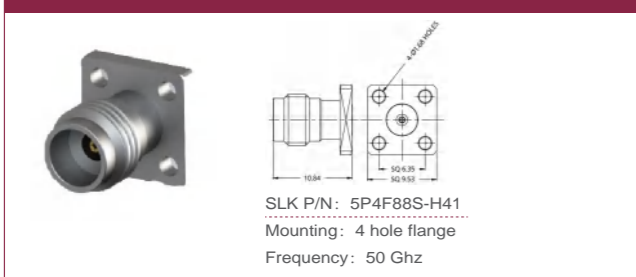
2.4mm straight male connector (Flexible cable solder type)



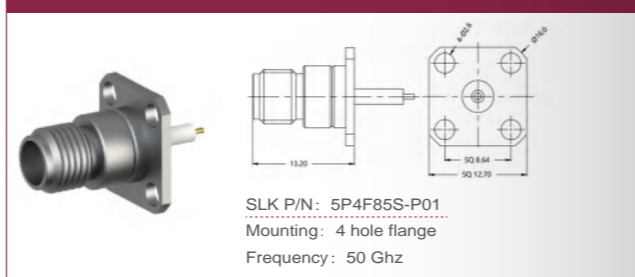
2.4mm straight female connector (semi-steel cable solder type)



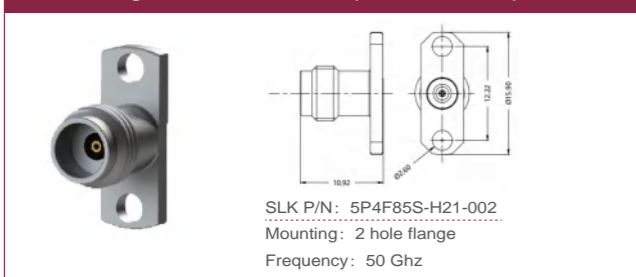
2.4mm straight female connector (PCB connector)



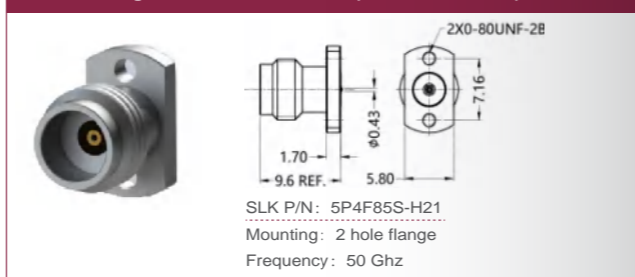
2.4mm straight female connector (PCB connector)



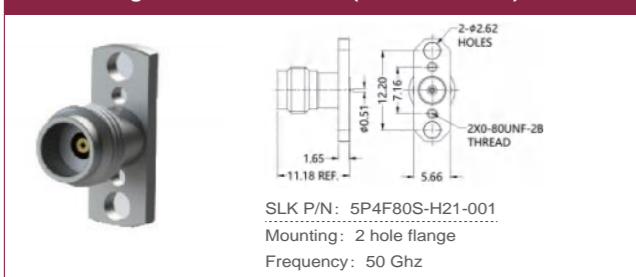
2.4mm straight female connector (PCB connector)



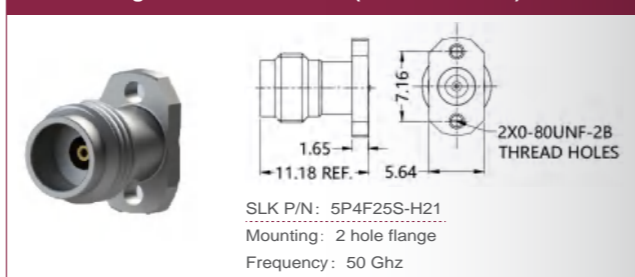
2.4mm straight female connector (PCB connector)



2.4mm straight female connector (PCB connector)



2.4mm straight female connector (PCB connector)



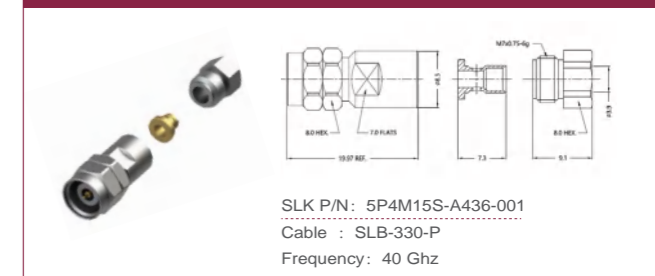
2.4mm Series Connector

2.4mm Series

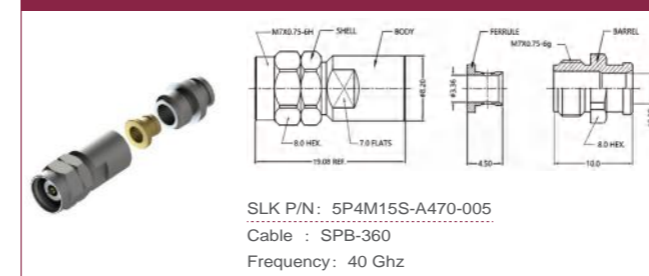
2.4mm straight male connector (semi-steel cable solder type)



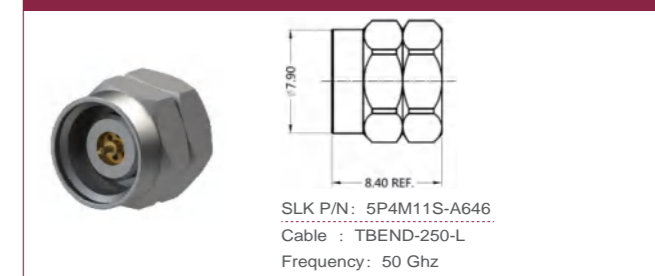
2.4mm straight male connector (Flexible cable solder type)



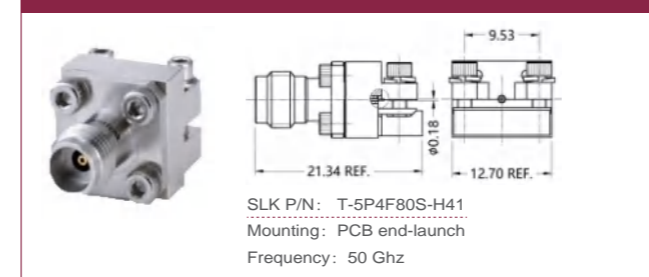
2.4mm straight male connector (Flexible cable solder type)



2.4mm straight male connector (Flexible cable solder type)



2.4mm straight female connector (PCB connector)



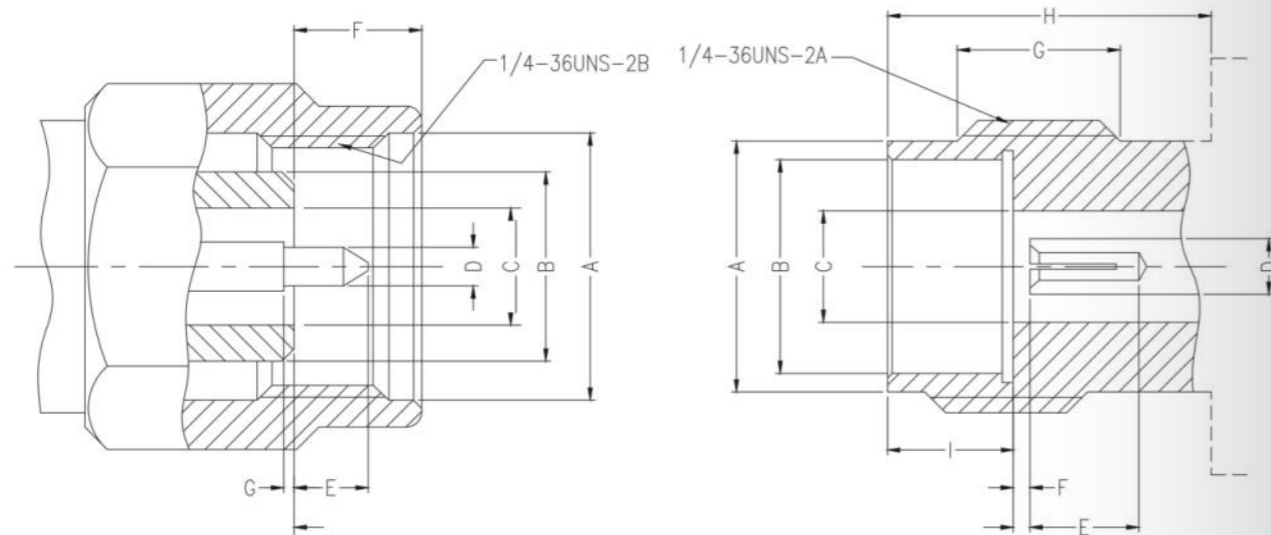
2.92mm Series Connector

2.92mm Series

Superlink 2.92mm long type microwave RF connector was developed and applied to 40GHz high frequency communication.

The 2.92mm connector uses a thick-walled outer conductor design to ensure stronger connection reliability.

The male pin uses a short pin design (compared to standard SMA) to avoid excessive wear of compatible connectors.



Male

Label	Minimum	Max
A	6.38	6.73
B	4.547	4.577
C	2.915	2.925
D	0.906	0.922
E	1.39	1.65
F	2.36	3.56
G	0.00	0.05

Female

Label	Minimum	Max
A	5.28	5.46
B	4.597	4.628
C	2.915	2.925
D	1.265	1.275
E	2.79	-
F	0.00	0.05
G	3.35	4.62
H	5.54	-
I	1.88	1.98

Note: unit mm

Reference standard: IEEE Std 287-2007

2.92mm Series Connector

2.92mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-40 GHz
Operating Voltage	325 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 0.75 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.13 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

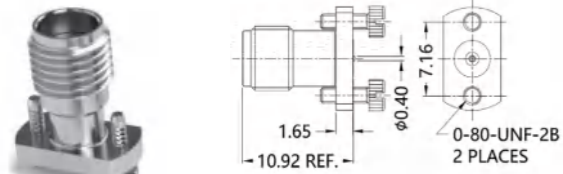
Material/Plating		
Part Name	Stainless steel, brass	Coating
Main body, hardware accessories	Male head: brass, beryllium copper	Gold-plated, passivated
Inner conductor	Female head: beryllium copper,	Gold
	phosphor bronze	
Insulator	PEI, PEEK, TEFLON	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 1 \text{ ounces}$
Center pin pull-out force	$\geq 1.4 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	2000 times

2.92mm Series Connector

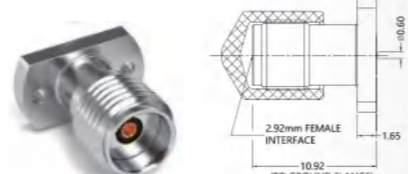
2.92mm Series

2.92mm straight female connector (PCB connector)



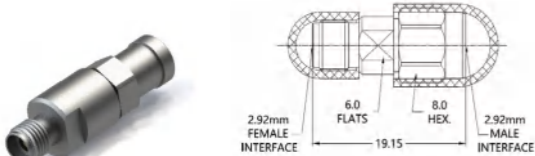
SLK P/N: 5P9F84S-H01-001
Frequency: 40GHz

2.92mm straight female connector (PCB connector)



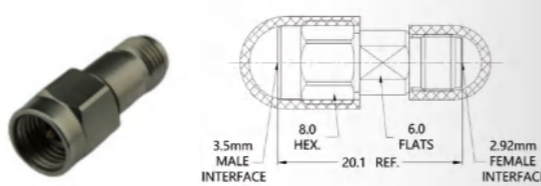
SLK P/N: 5P9F84S-H21
Frequency: 40 Ghz

2.92mm straight female connector



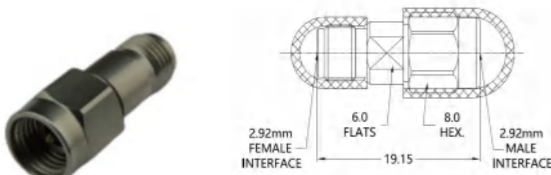
SLK P/N: 5P9F15S-A87
Cable : SFT-142
Frequency: 26.5 GHz

2.92mm female to 3.5mm male adapter



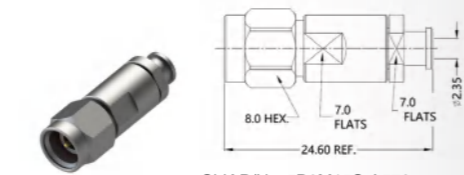
SLK P/N: 5P9F06S-P3M
Frequency: 26.5 Ghz

2.92 female to 2.92mm male adapter



SLK P/N: 5P9F06S-P9M
Frequency: 40 Ghz

2.92mm straight male connector

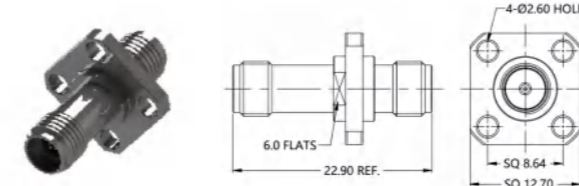


SLK P/N: 5P9M15S-A570
Cable : HF-090
Frequency: 40 Ghz

2.92mm Series Connector

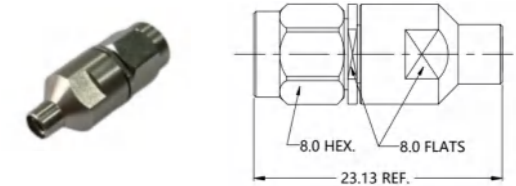
2.92mm Series

2.92mm female to 2.92 male adapter



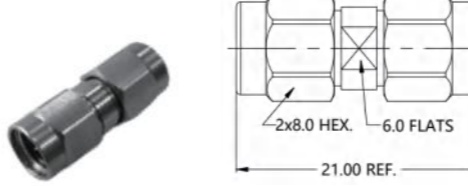
SLK P/N: 5P9F86S-P9F-002
Frequency: 40 Ghz

2.92mm male to SSMP male adapter



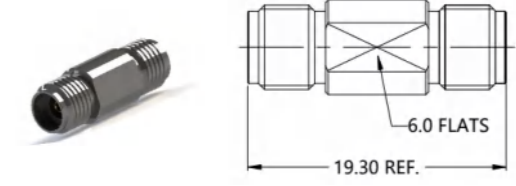
SLK P/N: 5P9M06S-MPM
Frequency: 40 Ghz

2.92mm male to 2.92mm male adapter



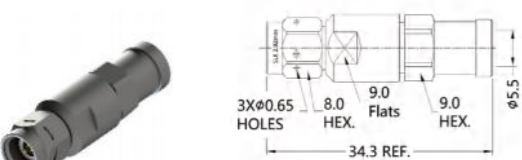
SLK P/N: 5P9M06S-P9M-005
Frequency: 40 Ghz

2.92mm female to 2.92mm female adapter



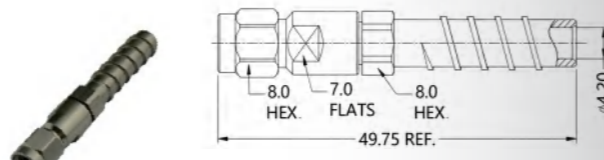
SLK P/N: T-5P9F06S-P9F-013
Frequency: 40 Ghz

2.92mm straight male connector



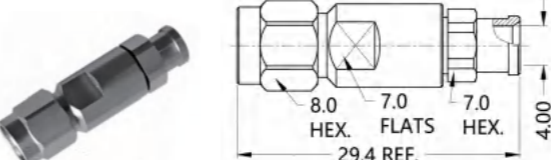
SLK P/N: 5P9M15S-A457-001
Cable : SPB-500
Frequency: 26.5 GHz

2.92mm straight male connector



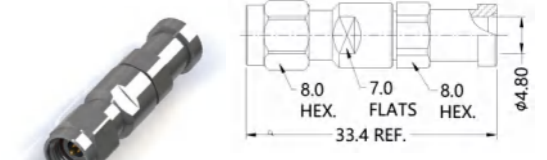
SLK P/N: 5P9M15S-A436-001
Cable : SPB-330-P
Frequency: 40 Ghz

2.92mm straight male connector



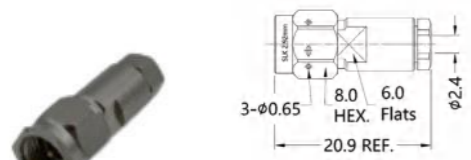
SLK P/N: 5P9M15S-A542
Cable : S bend-360
Frequency: 40 Ghz

2.92mm straight male connector



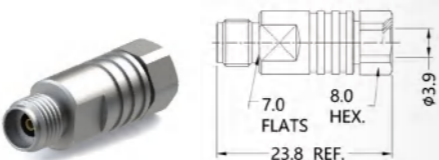
SLK P/N: 5P9M15S-A87-004
Cable : SFT-142
Frequency: 40 Ghz

2.92mm straight male connector



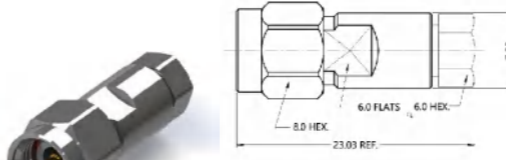
SLK P/N: 5P9M15S-A471-001
Cable : SLD-086
Frequency: 40 Ghz

2.92mm straight female connector



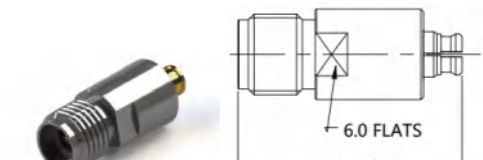
SLK P/N: 5P9F15S-A436-005
Cable : SPB-330-P
Frequency: 40 Ghz

2.92mm straight male connector



SLK P/N: 5P9M15S-A82-003
Cable : TFLEX-405, N bend-260
Frequency: 40 Ghz

2.92 female to SPM female adapter

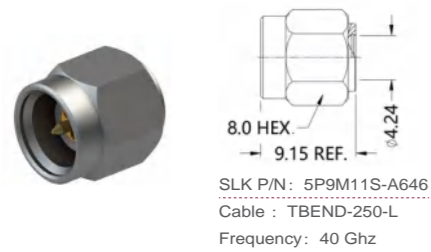


SLK P/N: T-5P9F06S-SPF-004
Frequency: 40 Ghz

2.92mm Series Connector

2.92mm Series

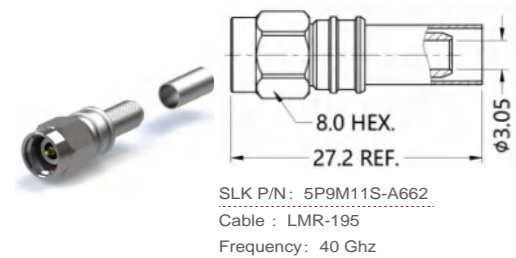
2.92mm straight male connector (Flexible cable solder type)



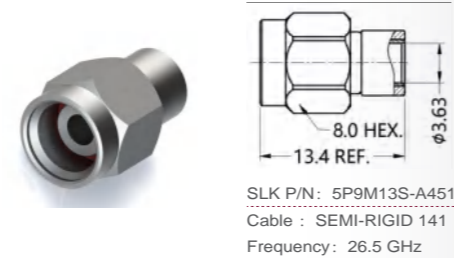
2.92mm straight male connector (Flexible cable solder type)



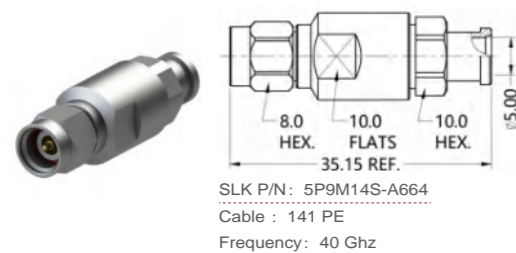
2.92mm straight male connector (Flexible cable crimping type)



2.92mm straight male connector(semi-steel cable solder type)



2.92mm straight male connector (Flexible cable solder type)



2.92mm right angle male connector(Flexible cable solder type)



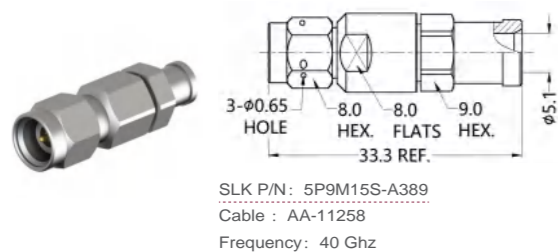
2.92mm straight male connector (Flexible cable solder type)



2.92mm straight male connector(semi-steel cable solder type)



2.92mm straight male connector (Flexible cable solder type)



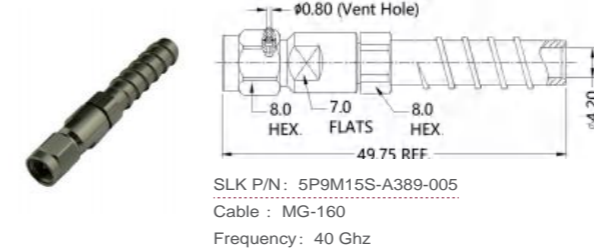
2.92mm straight male connector (Flexible cable solder type)



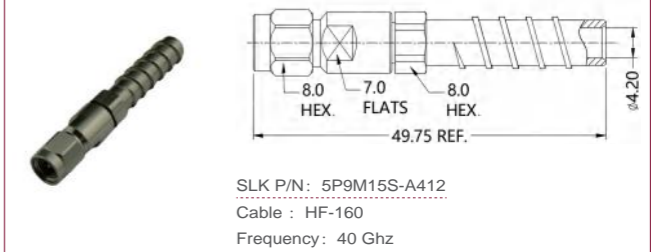
2.92mm Series Connector

2.92mm Series

2.92mm straight male connector (Flexible cable solder type)



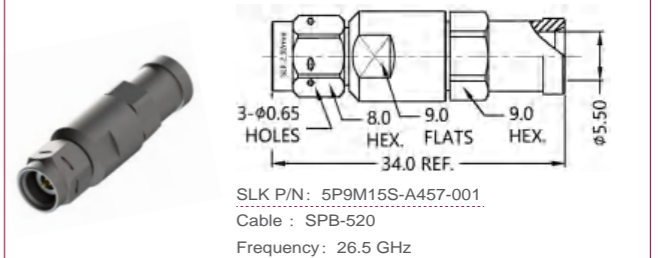
2.92mm straight male connector (Flexible cable solder type)



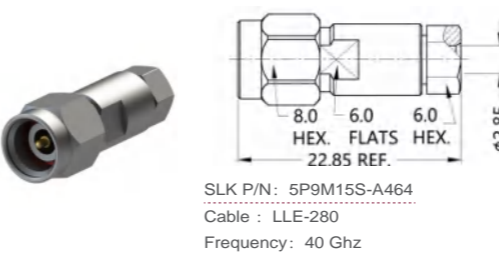
2.92mm straight male connector(semi-steel cable solder type)



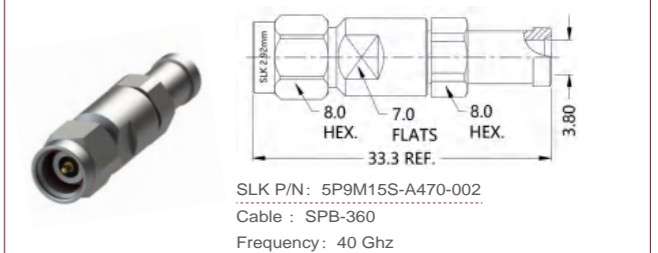
2.92mm straight male connector (Flexible cable solder type)



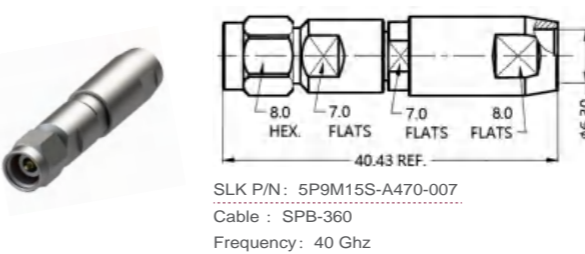
2.92mm straight male connector (Flexible cable solder type)



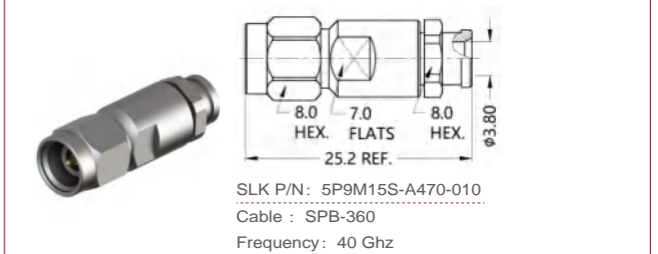
2.92mm straight male connector (Flexible cable solder type)



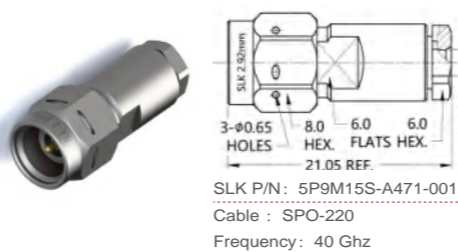
2.92mm straight male connector (Flexible cable solder type)



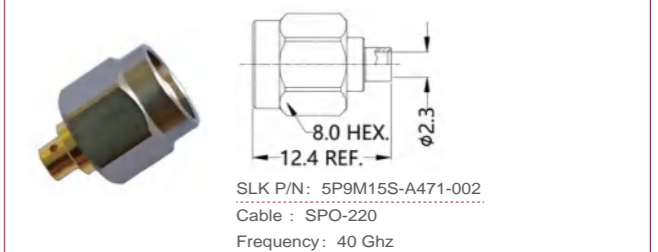
2.92mm straight male connector (Flexible cable solder type)



2.92mm straight male connector(semi-steel cable solder type)



2.92mm straight male connector(semi-steel cable solder type)



2.92mm Series Connector

2.92mm Series

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A478-002
Cable : TFLEX-405
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A503
Cable : FHC-500
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A520
Cable : PT-150
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A531
Cable : SPB-360B
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A542
Cable : SBEND-360
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A552-003
Cable : SPB-230
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A570
Cable : HF-090
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A570-001
Cable : HF-090
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A581
Cable : CS-33G
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A638
Cable : Tband-260
Frequency: 40 Ghz

2.92mm Series Connector

2.92mm Series

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A638-001
Cable : Tband-260
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A647
Cable : HF-160E
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A663
Cable : Sband-260
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A81
Cable : Tflex-402 \ Nband-400
Frequency: 26.5 GHz

2.92mm straight male connector (Semi-flexible cable solder type)

SLK P/N: 5P9M15S-A81-002
Cable : 141 CABL
Frequency: 40 Ghz

2.92mm straight male connector (Semi-flexible cable solder type)

SLK P/N: 5P9M15S-A81-006
Cable : 141 CABLE
Frequency: 26.5 GHz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A82
Cable : TFLEX-405 \ Nband-260
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A82-002
Cable : TFLEX-405 \ Nband-260
Frequency: 40 Ghz

2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A82-003
Cable : TFLEX-405 \ Nband-260
Frequency: 40 Ghz

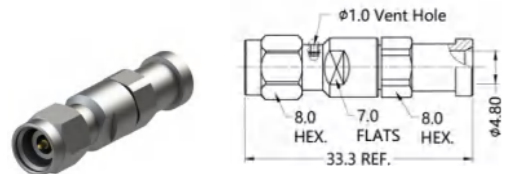
2.92mm straight male connector (Flexible cable solder type)

SLK P/N: 5P9M15S-A87
Cable : SFT-142
Frequency: 26.5 GHz

2.92mm Series Connector

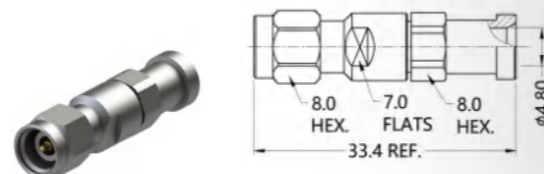
2.92mm Series

2.92mm straight male connector (Flexible cable solder type)



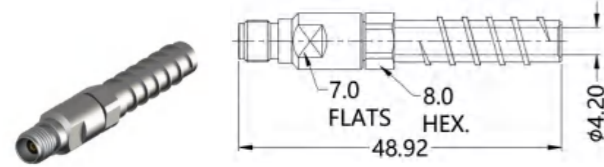
SLK P/N: 5P9M15S-A87-003
Cable : SFT-142
Frequency: 35 Ghz

2.92mm straight male connector (Flexible cable solder type)



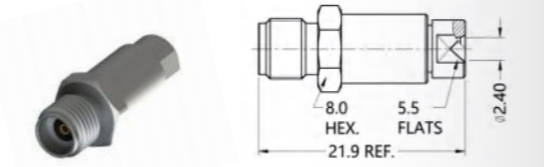
SLK P/N: 5P9M15S-A87-004
Cable : SFT-142
Frequency: 35 Ghz

2.92mm straight female connector (Flexible cable solder type)



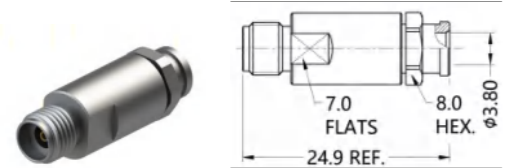
SLK P/N: 5P9F15S-A389
Cable : MG-160
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)



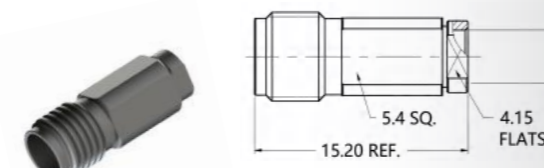
SLK P/N: 5P9F15S-A461
Cable : CXN3506, SPB-220
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)



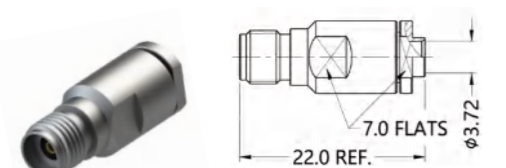
SLK P/N: 5P9F15S-A470-002
Cable : SPB-360
Frequency: 40 Ghz

2.92mm straight female connector (semi-flexible cable solder type)



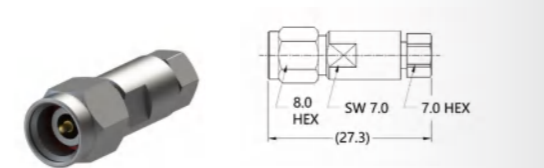
SLK P/N: 5P9F15S-A651-001
Cable : 141 CABLE
Frequency: 26.5 Ghz

2.92mm straight female connector (semi-flexible cable solder type)



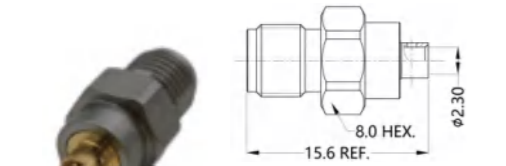
SLK P/N: 5P9F15S-A81-004
Cable : 141 CABLE
Frequency: 26.5 Ghz

2.92mm straight male connector (Flexible cable solder type)



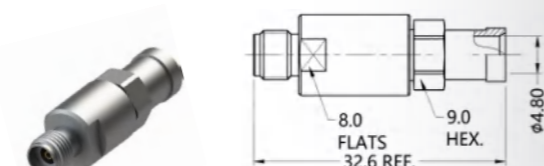
SLK P/N: 5P9M15S-A82-002
Cable : TFLEX-405, Nband-260
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)



SLK P/N: 5P9F15S-A82
Cable : TFLEX-405, Nband-260
Frequency: 40 Ghz

2.92mm straight female connector (Flexible cable solder type)

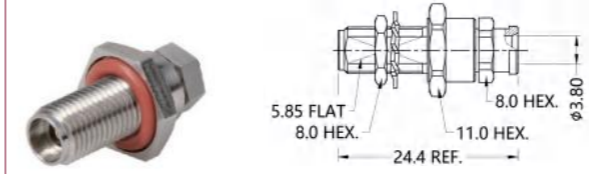


SLK P/N: 5P9F15S-A87
Cable : SFT-142
Frequency: 26.5 Ghz

2.92mm Series Connector

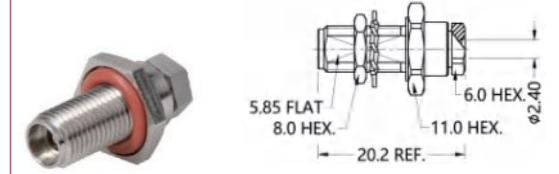
2.92mm Series

2.92mm straight female connector (Flexible cable solder type)



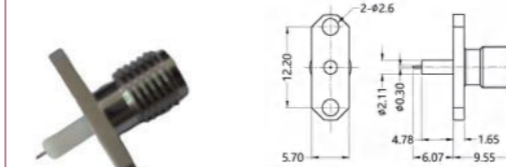
SLK P/N: 5P9F35S-A470-001
Cable : SPB-360
Frequency: 40 Ghz

2.92mm straight female connector (semi-steel cable solder type)



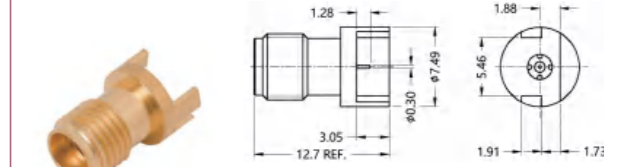
SLK P/N: 5P9F35S-A471
Cable : SPO-220,086" cable
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



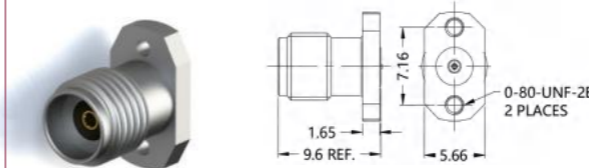
SLK P/N: 5P9F85S-H21-002
Mounting: 2 hole flange
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



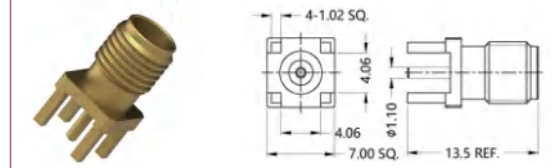
SLK P/N: 5P9F28S-P31
Mounting: PCB end-launch
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



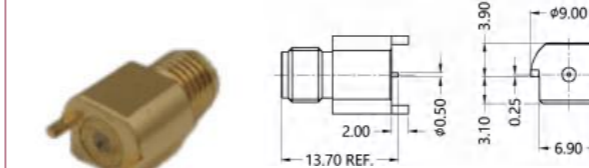
SLK P/N: 5P9F25S-H21
Mounting: 2 hole flange
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



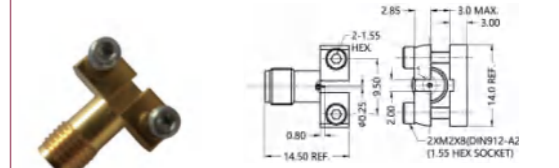
SLK P/N: 5P9F25S-P41-001
Mounting: PCB through hole
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



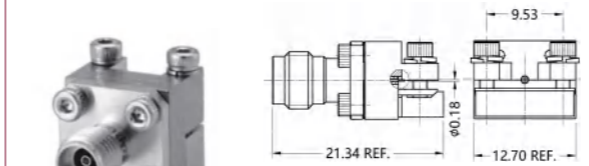
SLK P/N: 5P9F28S-P21
Mounting: PCB end-launch
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)



SLK P/N: 5P9F28S-P21-003
Mounting: PCB end-launch
Frequency: 40 Ghz

2.92mm straight female connector(PCB connector)

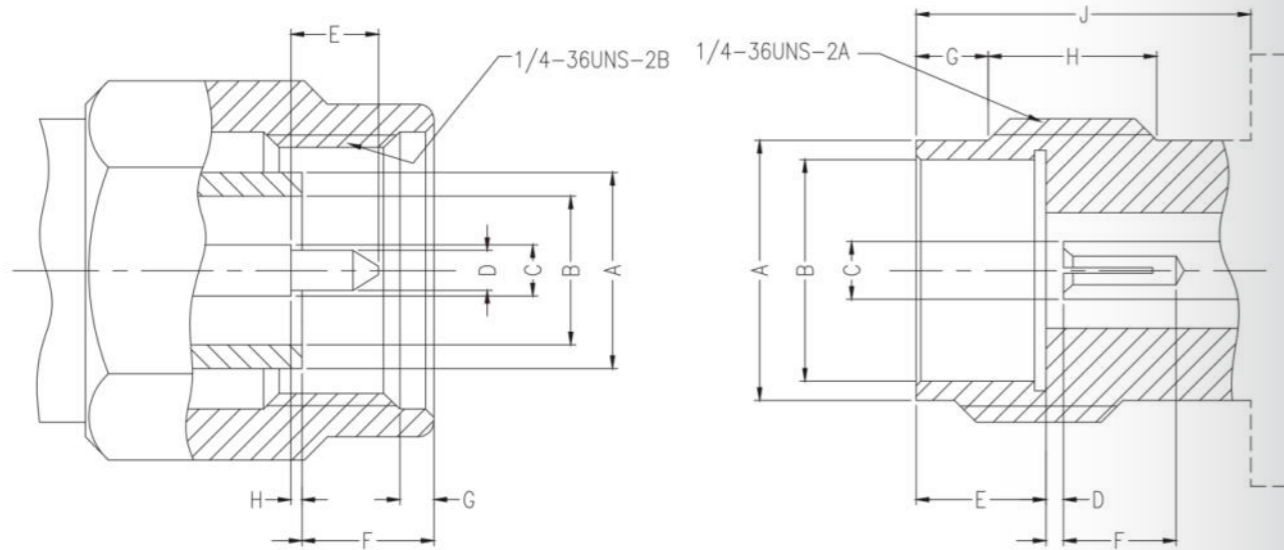


SLK P/N: T-5P9F80S-H41-002
Mounting: PCB end-launch
Frequency: 40 Ghz

3.5mm Series Connector

3.5mm Series

Superlink 3.5mm microwave RF connector adopts air-to-air interface medium and uses a frequency of 33 GHz. It has the characteristics of low return loss, low insertion loss, and high reliability. It is widely used in modern precision measurement and testing fields and various millimeters.



Male

Label	Minimum	Max
A	4.547	4.577
B	3.495	3.505
C	1.515	1.525
D	0.919	0.935
E	2.03	2.29
F	2.36	3.56
G	0.38	1.14
H	0.00	0.05

Female

Label	Minimum	Max
A	5.28	5.46
B	4.597	4.628
C	1.515	1.525
D	0.00	0.05
E	1.88	1.98
F	2.79	-
G	0.38	1.14
H	3.35	4.62
I	5.54	-

Note: unit mm
Reference standard: IEEE Std 287-2007

3.5mm Series Connector

3.5mm Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-33 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 0.75 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.13 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

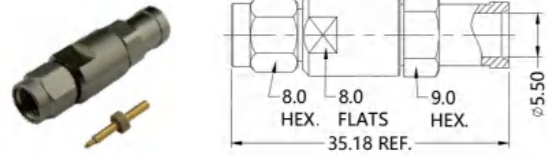
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Gold-plated, passivated
Inner conductor	Male head: brass, beryllium copper	Gold
	Female head: beryllium copper, phosphor bronze	
Insulator	PEI, PEEK, TEFLON	N/A
Washer	Stainless steel, brass	Gold-plated, passivated

Mechanical behavior	
Nut pall	$\geq 100 \text{ lbs}$
Thread tension	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 1.3 \text{ ounces}$
Center pin pull-out force	$\geq 2 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	3000 times

3.5mm Series Connector

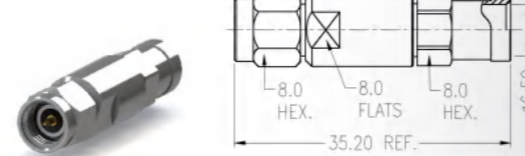
3.5mm Series

3.5mm straight male connector (Flexible cable solder type)



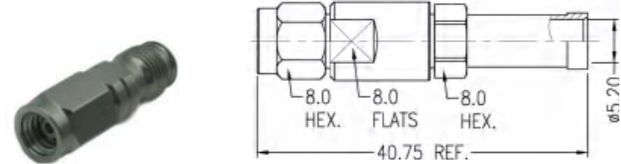
Slk Part Number: 5P3M15S-A233
Cable : SFT-205
Frequency : 26.5 GHz

3.5mm straight male connector (Flexible cable solder type)



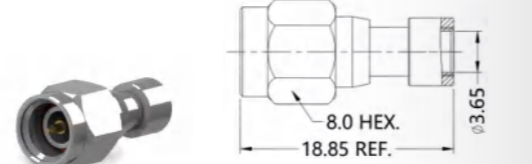
Slk Part Number: 5P3M15S-A408
Cable : SFT-205-PUR
Frequency : 26.5 GHz

3.5mm straight male connector (Flexible cable solder type)



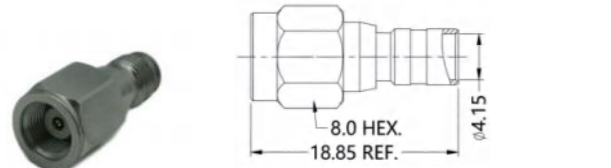
SLK P/N: 5P3M15S-A643
Cable : SFT-142S-PUR
Frequency : 26.5 GHz

3.5mm straight male connector (Semi-flexible cable solder type)



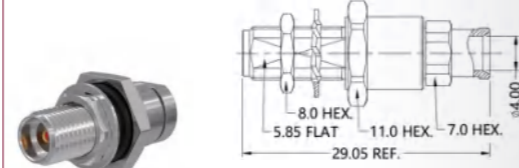
SLK P/N: 5P3M13S-A472
Cable : 141 CABLE
Frequency : 26.5 GHz

3.5mm straight male connector (Flexible cable solder type)



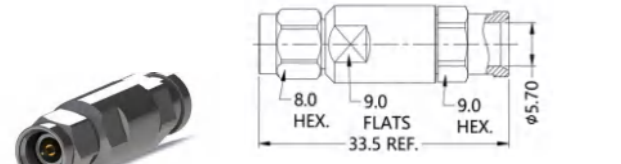
SLK P/N: 5P3M15S-A09-001
Cable : RG142
Frequency : 18 GHz

3.5mm straight female connector (Flexible cable solder type)



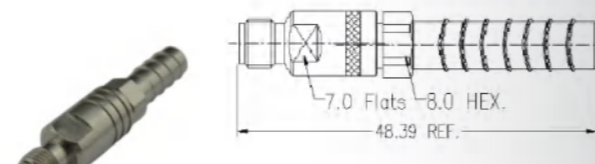
SLK P/N: 5P3F35S-A542-001
Cable : SLE-360
Frequency : 26.5 GHz

3.5mm straight male connector (Flexible cable solder type)



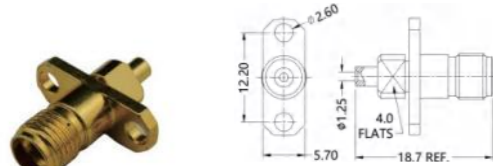
SLK P/N: 5P3M15S-A587
Cable : SPB-540
Frequency : 26.5 GHz

3.5mm straight female connector (Flexible cable solder type)



SLK P/N: 5P3F15S-A436
Cable : SPB-330-P
Frequency : 26.5 GHz

3.5mm straight female connector (Semi-steel cable solder type)



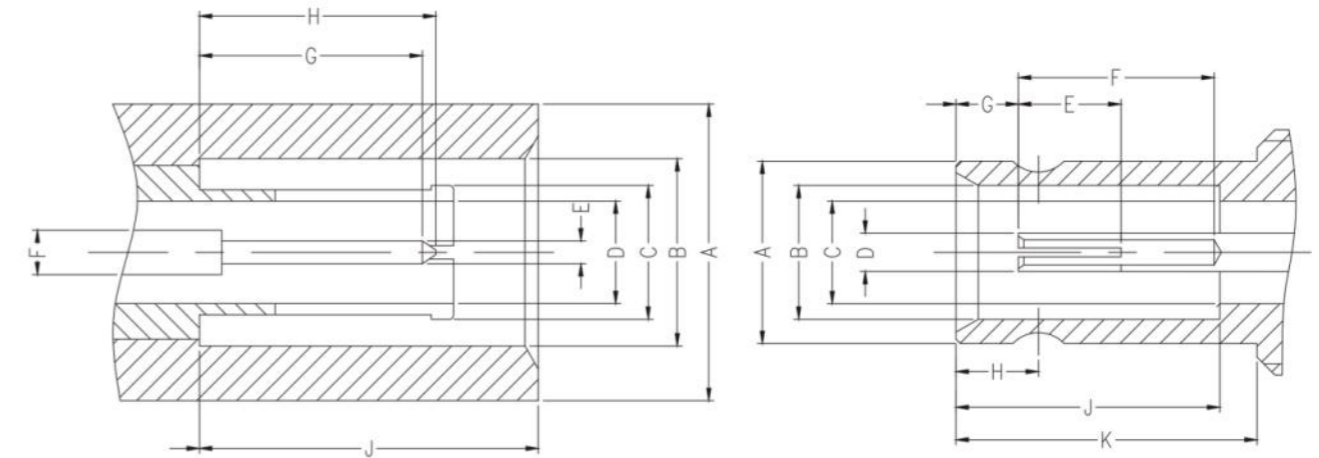
SLK P/N: 5P3F15S-S04
Cable : 047
Frequency : 20 GHz

1.0/2.3 Series Connector

1.0/2.3 Series

Superlink 1.0/2.3 RF coaxial connector is designed according to the German standard DIN 41626/2 (D-type connector), and is suitable for inserting mixed-design connectors (DIN 41626 M-type).

This plug adopts a sliding connection method to ensure quick connection and high reusability.



Male

Label	Minimum	Max
A	-	7.30
B	4.14	4.20
C	Note 1	
D	2.30 (regular value)	
E	0.475	0.52
F	1.00 (regular value)	
G	4.50	-
H	-	5.50
J	7.50	7.60

Female

Label	Minimum	Max
A	4.03	4.14
B	3.00	3.06
C	2.30 (regular value)	
D	1.00 (regular value)	
E	2.40 (regular value)	
F	4.50	-
G	1.15	1.75
H	1.80	1.90
J	5.80	5.90
K	6.40	6.50

Note: unit mm

The size of the matching female head meets the corresponding mechanical and electrical properties.

Reference standard: IEC60169-29

1.0/2.3 Series Connector

1.0/2.3 SERIES

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-10 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 4.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.5 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Gold-plated, passivated
Inner conductor	Male head: brass, beryllium copper	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female pullout force	≥ 2.5 ouncec(slide-in structure)
Center pin pullout force	≥ 0.7 ounce
Center pin retention	≥ 2.25 lbs
Durability	500 times

1.0/2.3 Series Connector

1.0/2.3 Series

1.0/2.3 straight male connector (Flexible cable solder type)



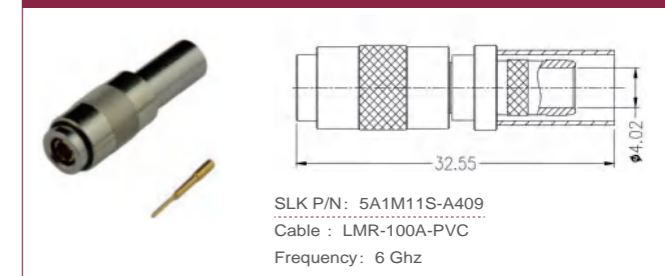
1.0/2.3 straight male connector (Flexible cable solder type)



1.0/2.3 straight male connector (Flexible cable solder type)



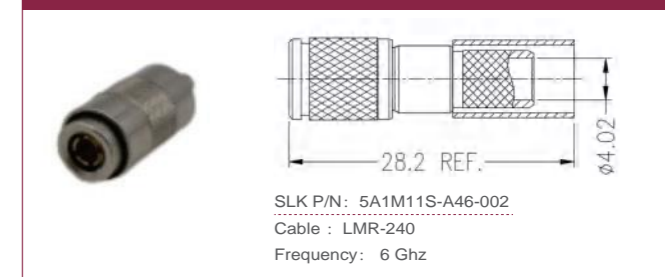
1.0/2.3 straight male connector (Flexible cable solder type)



1.0/2.3 straight male connector (Flexible cable crimping type)



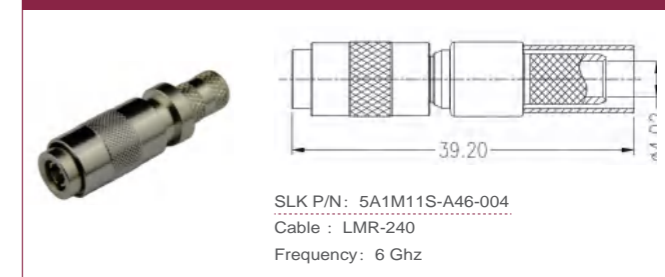
1.0/2.3 straight male connector (Flexible cable solder type)



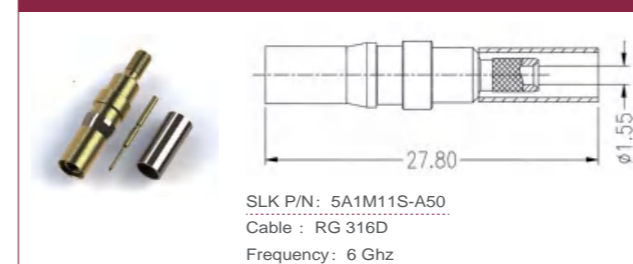
1.0/2.3 straight male connector (Flexible cable solder type)



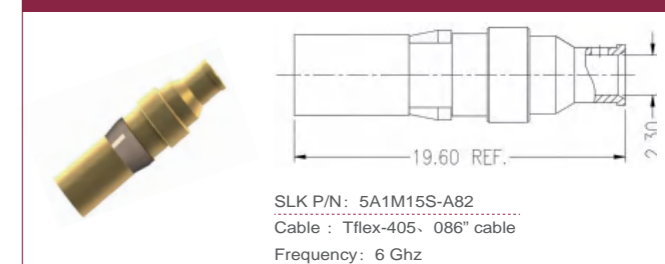
1.0/2.3 straight male connector (Flexible cable solder type)



1.0/2.3 straight male connector (Flexible cable crimping type)



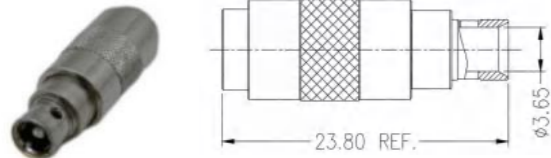
1.0/2.3 straight male connector (Flexible cable solder type)



1.0/2.3 Series Connector

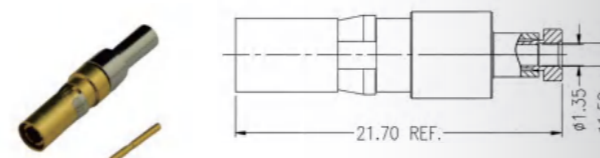
1.0/2.3 Series

1.0/2.3 straight male connector (Flexible cable solder type)



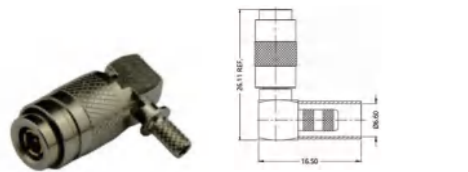
SLK P/N: 5A1M15S-S02-003
Cable : TFT-402- 141 CABLE
Frequency: 6 Ghz

1.0/2.3 straight male connector (Flexible cable solder type)



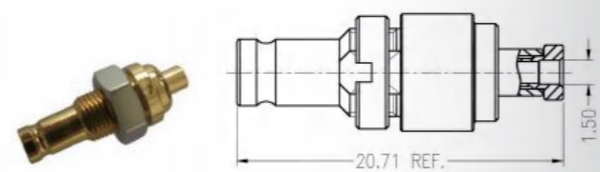
SLK P/N: 5A1M15S-S04
Cable : RG-047
Frequency: 8 Ghz

1.0/2.3 straight male connector (Flexible cable crimping type)



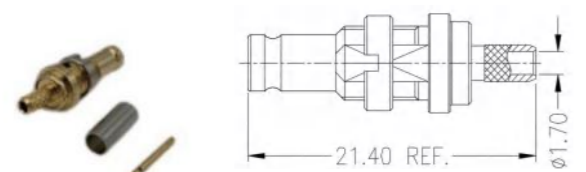
SLK P/N: 5A1M11R-A46-001
Cable : SLR240
Frequency: 3 Ghz

1.0/2.3 straight female connector (Flexible cable crimping type)



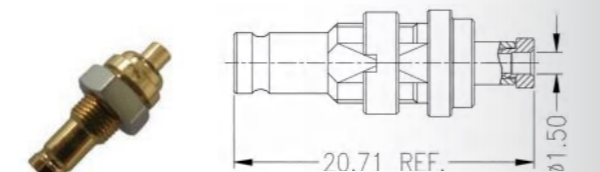
SLK P/N: 5A1F15S-A72-001
Cable : OD 1.37- RF1.37
Frequency: 4 Ghz

1.0/2.3 straight female connector (Flexible cable crimping type)



SLK P/N: 5A1F31S-A02-004
Cable : RG316
Frequency: 4 Ghz

1.0/2.3 straight female connector (Flexible cable crimping type)



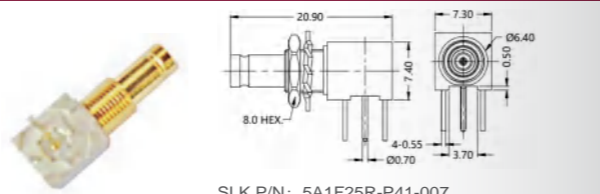
SLK P/N: 5A1F15S-A72
Cable : OD 1.37- RF1.37
Frequency: 4 Ghz

1.0/2.3 right angle female connector (PCB connector)



SLK P/N: 5A1F25R-P41-004
Cable : PCB through hole
Frequency: 6 Ghz

1.0/2.3 right angle female connector (PCB connector)



SLK P/N: 5A1F25R-P41-007
Cable : PCB through hole
Frequency: 6 Ghz

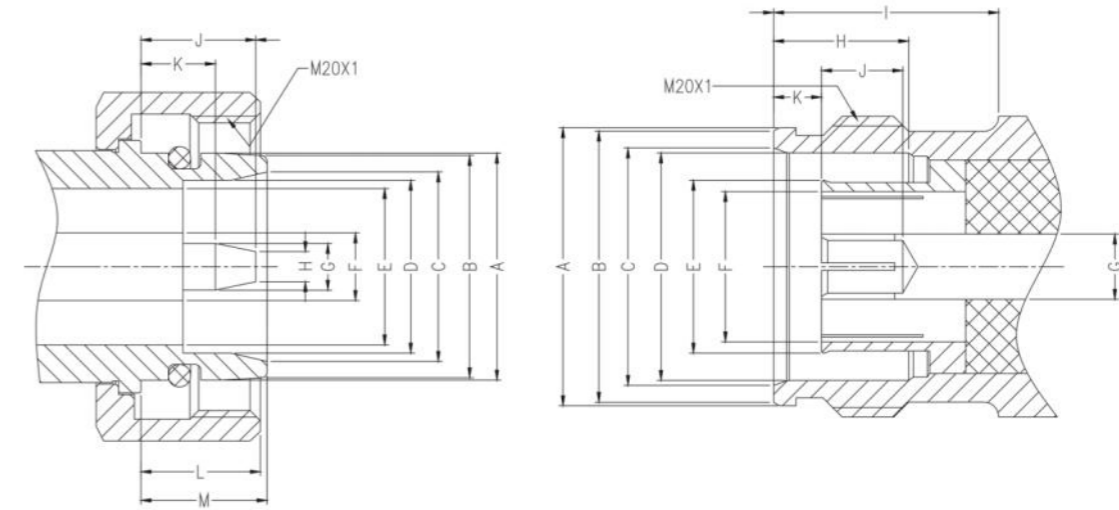
4.3/10 Series Connector

4.3/10 Series

The 4.3/10 series RF coaxial connectors have smaller and lighter structure characteristics than DIN connectors, and provide lower intermodulation electrical performance.

The connector uses the electrical and mechanical structure plane separation technology, which makes the connection torque smaller and convenient to install.

It is widely used in base stations, distributed antenna systems, indoor base station antenna equipment, etc.



Male

Label	Minimum	Max
Label	Minimum	Max
A	15.07	15.11
B	14.70	14.80
C	12.50	-
D	11.47	11, 53
E	10.00 (regular value)	
F	4.35 (regular value)	
G	3.07	3.13
H	-	2.30
J	-	8.00
K	5.00	-
L	8.00	8.58
M	8.30	8.58

Female

Label	Minimum	Max
Label	Minimum	Max
A	18.44	18.50
B	17.90	18.10
C	15.70	15.90
D	15.13	15.19
E	-	12.30
F	9.80	10.20
G	4.35 (regular value)	
H	8.50	-
I	13.90	14.10
J	5.00	-
K	3.10	3.12

Note: unit mm

Reference standard: IEC61169-54

4.3/10 Series Connector

4.3/10 Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-12 GHz
Operating Voltage	1000 V(RMS)
Medium pressure	2500 V(RMS)-interface
Conductor resistance	Inner conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)
Intermodulation value (2X20W)	$< -166 \text{ dbc}$ (typical value of intermodulation products)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Gold-plated, passivated
Inner conductor	Male head: brass, beryllium copper	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread torque	$\geq 70 \text{ inch}\cdot\text{lbs}$
Thread torque	$\leq 4.5 \text{ lbs}$
Center pin pullout force	$\geq 0.35 \text{ lbs}$
Center pin retention	$\geq 6.75 \text{ lbs}$
Durability	500 times

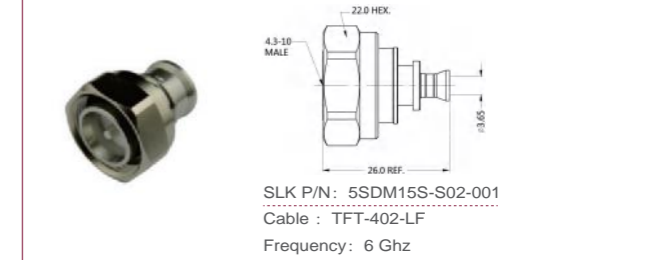
4.3/10 Series Connector

4.3/10 Series

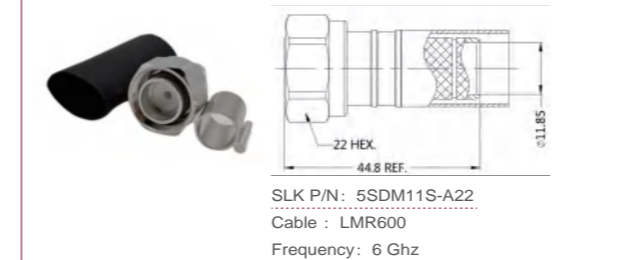
4.3/10 straight male connector (Flexible cable crimping type)



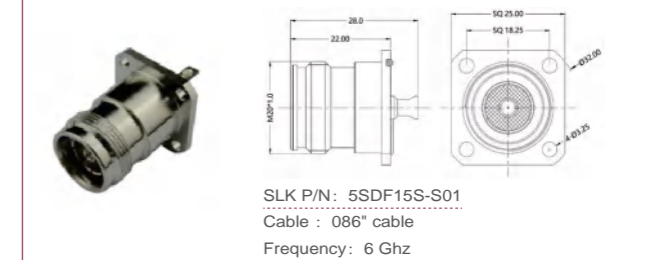
4.3/10 straight male connector (Flexible cable solder type)



4.3/10 straight male connector (Flexible cable crimping type)



4.3/10 straight female connector (Semi-flexible cable solder type)



4.3/10 straight male connector (Semi-flexible cable crimping type)



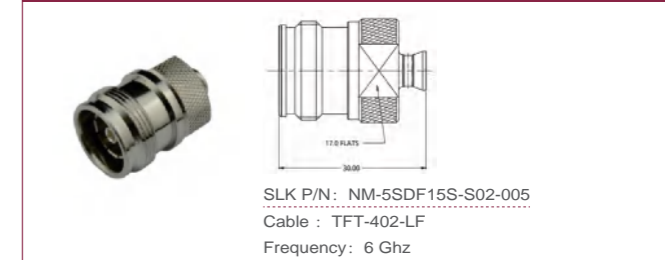
4.3/10 straight female connector (Semi-flexible cable crimping type)



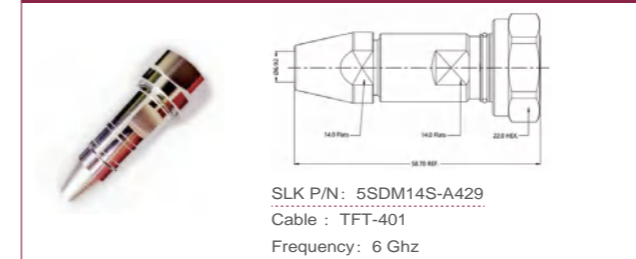
4.3/10 straight male connector (Semi-flexible cable solder type)



1.0/2.3 straight female connector (Flexible cable solder type)



4.3/10 straight male connector (Semi-flexible cable solder type)



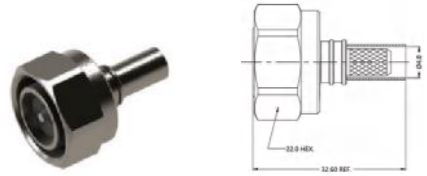
4.3/10 straight male connector (Semi-flexible cable crimping type)



4.3/10 Series Connector

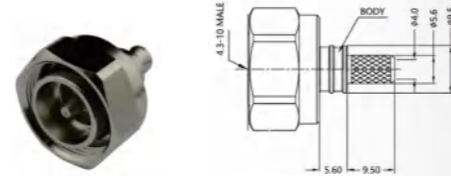
4.3/10 Series

4.3/10 straight male connector (Flexible cable crimping type)



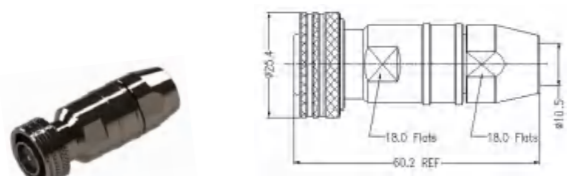
SLK P/N: 5SDM11S-A46
Cable : LMR-240
Frequency: 8 Ghz

4.3/10 straight male connector (Semi-steel cable crimping type)



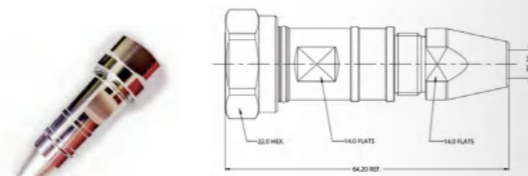
SLK P/N: 5SDM11S-A46-001
Cable : LMR-240
Frequency: 8 Ghz

4.3/10 straight male connector (Flexible cable solder type)



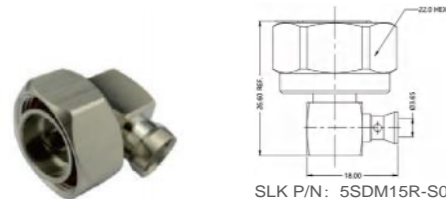
SLK P/N: 5SDM14S-A230-002
Cable : TCOM-400
Frequency: 6 GHz

4.3/10 straight male connector (Flexible cable solder type)



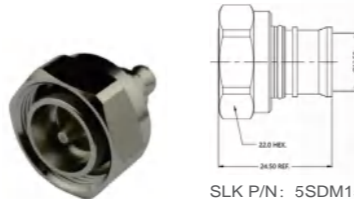
SLK P/N: 5SDM14S-A637
Cable : TCOM-240
Frequency: 6 GHz

4.3/10 right angle male connector (Flexible cable solder type)



SLK P/N: 5SDM15R-S02
Cable : TFT-402
Frequency: 6 GHz

4.3/10 straight male connector (Flexible cable crimping type)



SLK P/N: 5SDM15S-LS12
Cable : 1/2" super flexible cable
Frequency: 6 GHz

4.3/10 straight male connector (Semi-steel cable crimping type)



SLK P/N: 5SDM15S-LS12-001
Cable : 1/2" super flexible cable
Frequency: 6 GHz

4.3/10 straight male connector (Semi-steel cable crimping type)



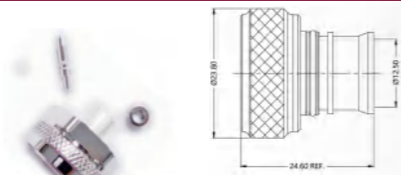
SLK P/N: 5SDM15S-LS12-002
Cable : 1/2" super flexible cable
Frequency: 6 GHz

4.3/10 straight male connector (Flexible cable crimping type)



SLK P/N: 5SDM15S-S02-003
Cable : RG-402
Frequency: 6 Ghz

4.3/10 straight male connector (Flexible cable crimping type)

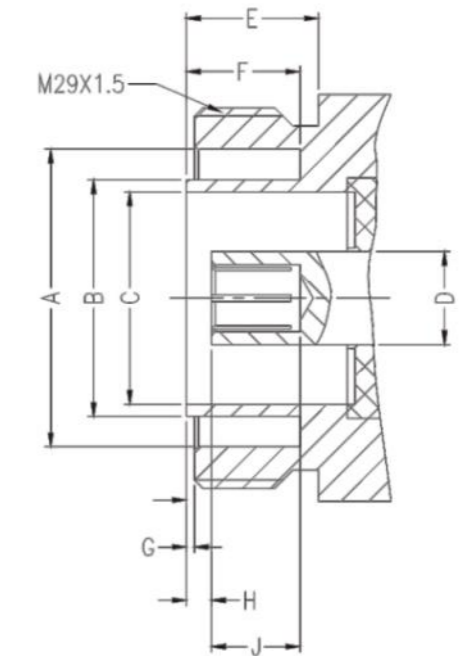
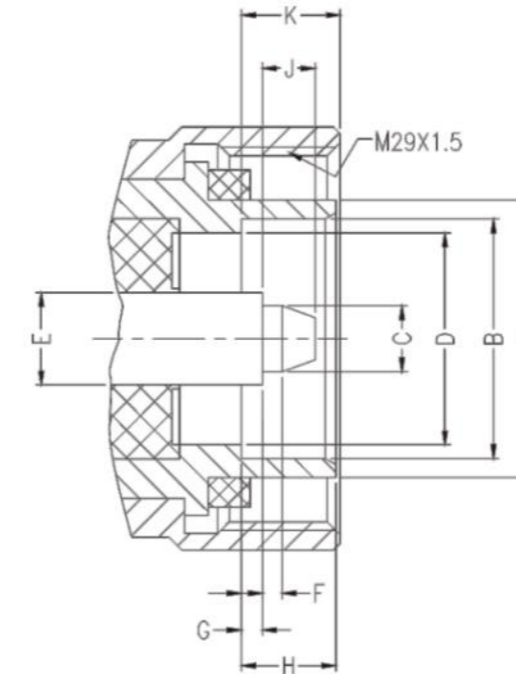


SLK P/N: 5SDM15S-S02-004
Cable : RG-402
Frequency: 6 Ghz

7/16 Series Connector

7/16 Series

The 7/16 (L29) series RF coaxial connector is a larger threaded connector, which has the characteristics of sturdiness and stability, low loss, low intermodulation, and high working voltage. It is suitable for products that are resistant to earthquakes and highly demanding environments, such as Application products such as radar base station, microwave transmission and mobile communication system.



Male

Label	Minimum	Max
B	20.60	21.40
C	18.03	18.12
D	4.96	5.04
E	15.85	16.25
F	7.00 (regular value)	
G	1.40	1.60
H	1.47	1.77
J	7.00	8.00
K	-	4.50
	7.00	8.00

Female

Label	Minimum	Max
A	22.10	22.90
B	17.84	18.02
C	15.85	16.25
D	7.00 (regular value)	
E	10.00	-
F	8.10	-
G	0.50	0.70
H	1.77	2.07
J	5.00	-

Note: unit mm
Reference standar: IEC61169-4

7/16 Series Connector

7/16 Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-7.5 GHz
Operating Voltage	1000 V(RMS)
Medium pressure	3000 V(RMS)
Conductor resistance	Inner conductor: $\leq 0.4 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.5 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 10 \text{ G}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)
Intermodulation value (2X20W)	$< -160 \text{ dbc}$ (typical value of intermodulation products)

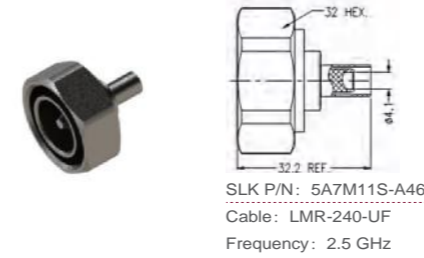
Material/Plating		
Part Name	Stainless steel, brass	Coating
Main body, hardware accessories	Brass	Silver-plated, nickel, alloy
Inner conductor	Male head: brass	Silver
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 225 \text{ lbs}$
Thread torque	$\geq 310 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 6.3 \text{ lbs}$
Center pin pullout force	$\geq 2.25 \text{ lbs}$
Center pin retention	$\geq 45 \text{ lbs}$
Durability	500 times

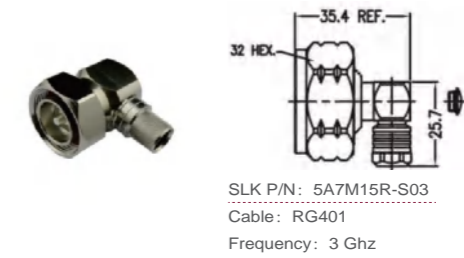
7/16 Series Connector

7/16 Series

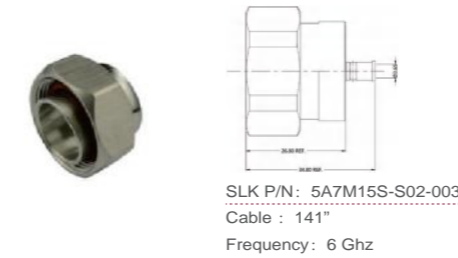
7/16 straight male connector (Flexible cable crimping type)



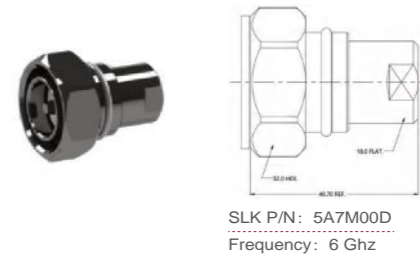
7/16 right angle male connector (Flexible cable solder type)



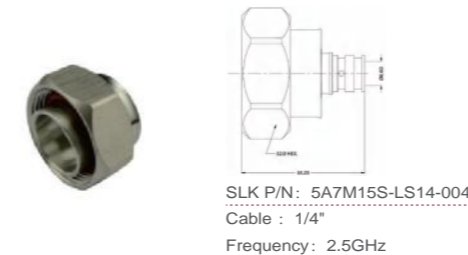
7/16 straight male connector (Flexible cable solder type)



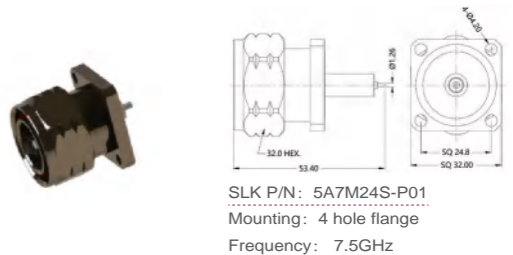
7/16 straight male connector



7/16 straight male connector (Flexible cable solder type)



7/16 straight male connector (PCB connector)



7/16 right angle male connector (Flexible cable solder type)



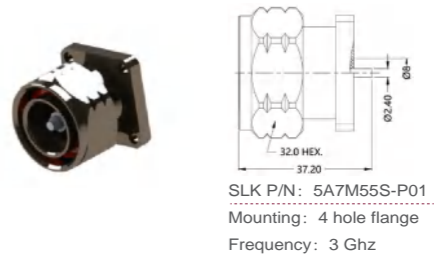
7/16 straight male connector



7/16 right angle male connector (Flexible cable solder type)



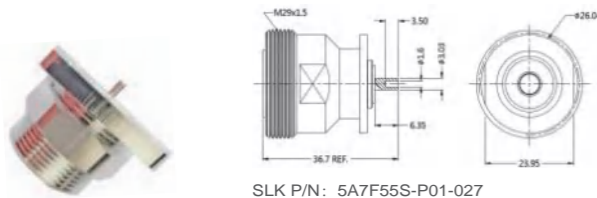
7/16 straight male connector (PCB connector)



7/16 Series Connector

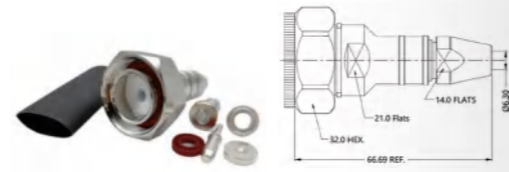
7/16 Series

7/16 straight female connector



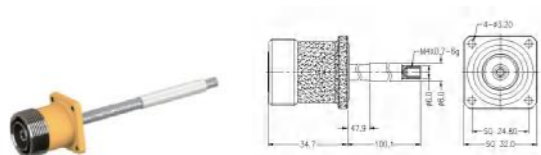
SLK P/N: 5A7F55S-P01-027
Mounting: PCB surface mount
Frequency: 7.5 GHz

7/16 straight male connector (Flexible cable solder type)



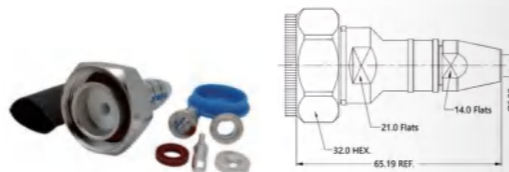
SLK P/N: 5A7M14S-A637
Cable: TCOM-240
Frequency: 6 Ghz

7/16 straight female connector (PCB connector)



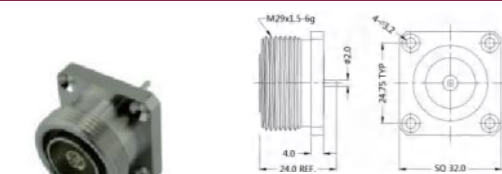
SLK P/N: 5A7F50S-T01-004
Mounting: 4 hole flange
Frequency: 3 Ghz

7/16 straight male connector (Flexible cable solder type)



SLK P/N: 5A7M14S-A429
Cable: TFT-401
Frequency: 6 Ghz

7/16 straight female connector (PCB connector)



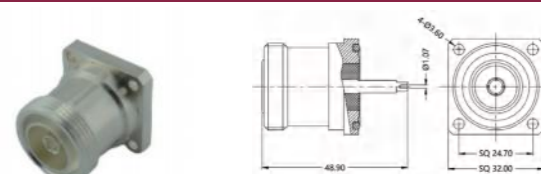
SLK P/N: 5A7F11S-P01
Mounting: 4 hole flange
Frequency: 7.5 GHz

7/16 right angle male connector (Flexible cable solder type)



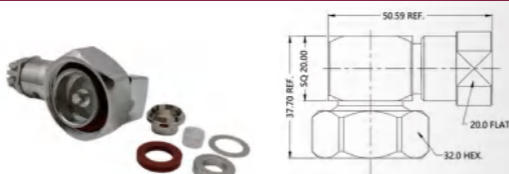
SLK P/N: 5A7M14R-A270
Cable: SFT-600
Frequency: 3 Ghz

7/16 straight female connector (PCB connector)



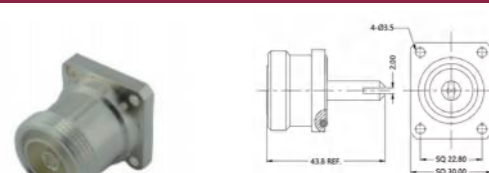
SLK P/N: 5A7F05S-P21
Mounting: 4 hole flange
Frequency: 4 Ghz

7/16 right angle male connector (Flexible cable solder type)



SLK P/N: 5A7M14R-A253
Cable: RG393
Frequency: 1 Ghz

7/16 straight female connector (PCB connector)



SLK P/N: 5A7F40S-P01-009
Mounting: 4 hole flange
Frequency: 3 Ghz

7/16 straight female connector (Flexible cable solder type)

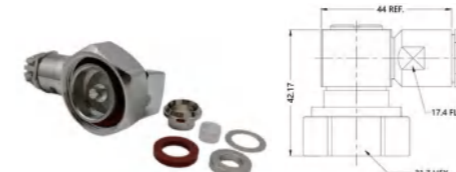


SLK P/N: 5A7F31S-A253
Cable: RG393
Frequency: 2.5 GHz

7/16 Series Connector

7/16 Series

7/16 right angle male connector (Flexible cable solder type)



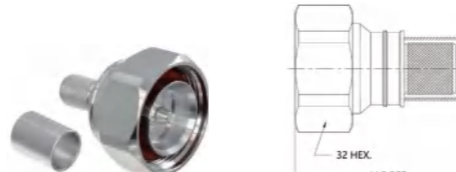
SLK P/N: 5A7M11R-A11-002
Cable: LMR-400
Frequency: 3 Ghz

7/16 straight male connector (Flexible cable solder type)



SLK P/N: 5A7M15S-A81-006
Cable: RG402
Frequency: 6 Ghz

7/16 straight male connector (Flexible cable crimping type)



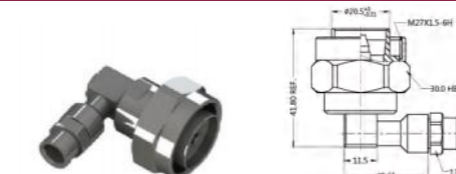
SLK P/N: 5A7M11S-A22
Cable: LMR-600
Frequency: 1 Ghz

7/16 straight male connector (Flexible cable crimping type)



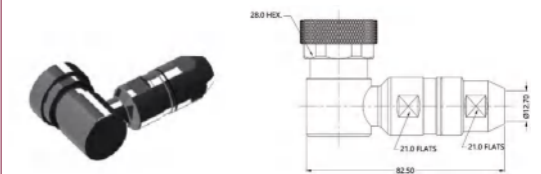
SLK P/N: 5A7M11S-A351
Cable: LMR-500
Frequency: 3 Ghz

7/16 right angle male connector (Flexible cable solder type)



SLK P/N: 5A7M15R-A469
Cable: SLB-800
Frequency: 6 Ghz

7/16 right angle male connector (Flexible cable solder type)



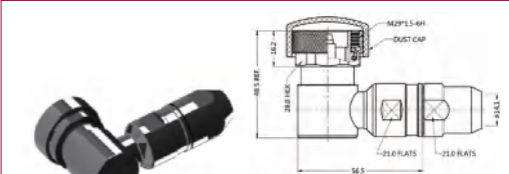
SLK P/N: 5A7M14R-A312-002
Cable: SFT-500
Frequency: 2.5 Ghz

7/16 straight female connector (Flexible cable solder type)



SLK P/N: 5A7F31S-A469
Cable: SLB-800
Frequency: 6 Ghz

7/16 right angle male connector (Flexible cable solder type)



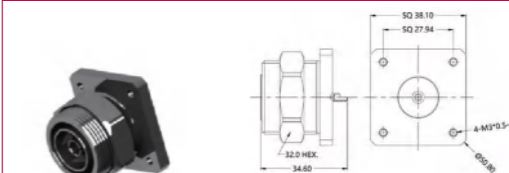
SLK P/N: 5A7M14R-A51
Cable: SFT-500
Frequency: 2.5 GHz

7/16 straight female connector (Flexible cable crimping type)



SLK P/N: 5A7F81S-A06
Cable: RG-214
Frequency: 5 Ghz

7/16 straight female connector (PCB connector)

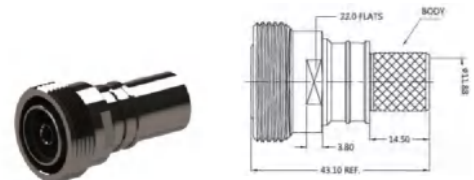


SLK P/N: 5A7F85S-H41
Mounting: 4 hole flange
Frequency: 5 Ghz

7/16 Series Connector

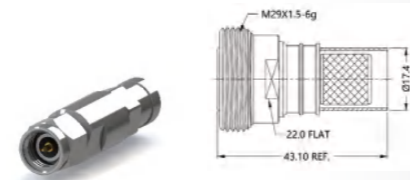
7/16 Series

7/16 straight female connector (Flexible cable solder type)



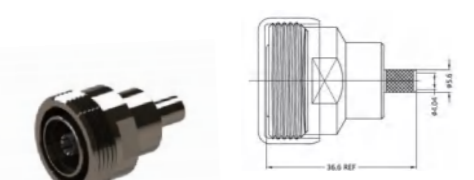
SLK P/N: 5A7F11S-A22
Cable : TCOM-600
Frequency: 5 Ghz

7/16 straight female connector (Flexible cable solder type)



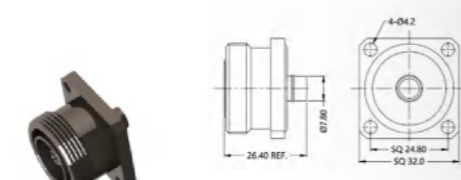
SLK P/N: 5A7F11S-A22-001
Cable : LMR-600
Frequency: 1 Ghz

7/16 straight female connector (Flexible cable solder type)



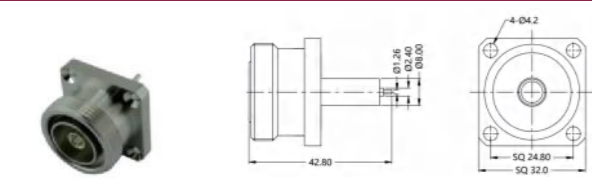
SLK P/N: 5A7F11S-A46-001
Cable : LMR-240
Frequency: 2.5 Ghz

7/16 straight female connector (Flexible cable solder type)



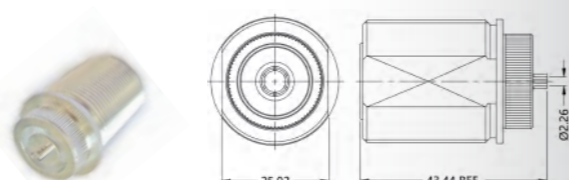
SLK P/N: 5A7F15S-A81
Cable : TFLEX-402
Frequency: 3 Ghz

7/16 straight female connector



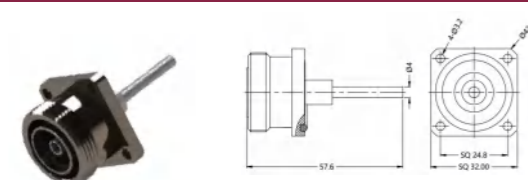
SLK P/N: 5A7F24S-P01
Mounting: 4 hole flange
Frequency: 3 GHz

7/16 straight female connector



SLK P/N: 5A7F25S-P01-013
Frequency: 2.5 GHz

7/16 straight female connector



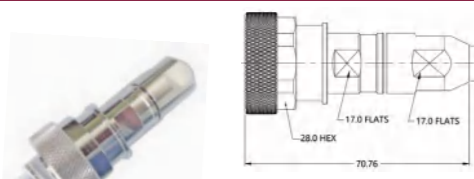
SLK P/N: 5A7F55S-P01-003
Mounting: 4 hole flange
Frequency: 7.5 GHz

7/16 straight female connector



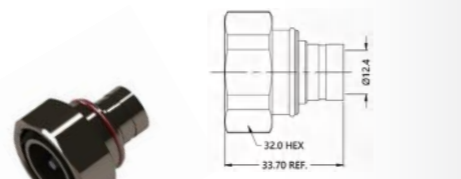
SLK P/N: 5A7F55S-S02-002
Mounting: 4 hole flange
Frequency: 4 Ghz

7/16 straight male connector



SLK P/N: 5A7M14S-A253-002
Cable : RG393
Frequency : 1 Ghz

7/16 straight male connector

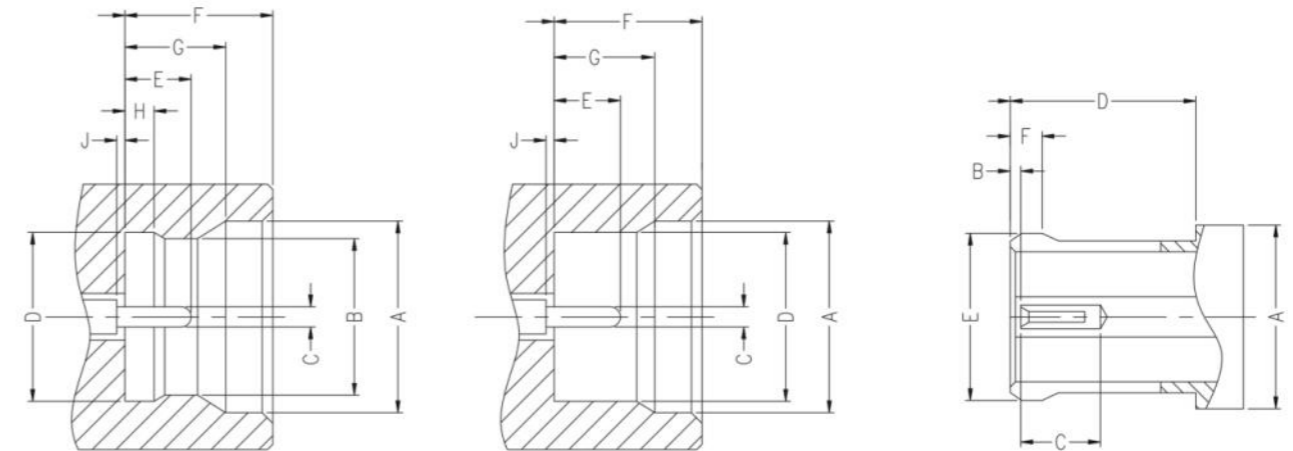


SLK P/N : 5A7M15S-LS12-002
Cable : 1/2"
Frequency : 3 GHz

SSMP Series Connector

SSMP Series

SSMP RF coaxial connector is a miniature push-in blind-mate RF connector, which is a reduced version of SMP. The product has an application frequency of up to 65GHz, small size, excellent electrical performance, and has a connection drift function. It is widely used in high-density and blind-mating applications such as printed circuit boards, and in military communications such as radar and aerospace. It is more and more widely used in the field.



Male

Label	Minimum	Max
A	2.82	2.92
B	2.11	2.16
C	0.28	0.33
D	2.18	2.24
E	0.76	1.14
F	2.08	2.13
G	1.57	1.83
H	0.53	0.58
J	0.00	-

Female

Label	Minimum	Max
A	-	2.79
B	0.00	0.20
C	1.27	-
D	1.73	-
E	-	2.41
F	-	0.58
G		
H		
I		

Note: unit mm
Reference standard: MIL-STD-348A

SSMP Series Connector

SSMP Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-65 GHz
Operating Voltage	325 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 6.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, beryllium copper	Gold-plated, passivated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A

Mechanical behavior	
insertion force	Typical value: 4.5 lbs max (full escapement) 2.5 lbs max (light vertical)
pullout force	Typical value: >6.5 lbs max (full escapement) >1.5 lbs max (light vertical)
Center pin retention	$\geq 1.5 \text{ lbs}$
Durability	100 times (full escapement) 500 times (light vertical)

SSMP Series Connector

SSMP Series

SSMP straight female connector

SLK P/N: 5MPF15S-A82-004
Cable : TFLEX-405
Frequency: 40 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-S04
Cable : 047 CABLE
Frequency: 40 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-A82-002
Cable : TFLEX-405
Frequency: 40 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-A420-002
Cable : 047 CABLE
Frequency: 67 Ghz

SSMP straight male connector

SLK P/N: 5MPM27S-P01-003
Mounting: PCB-SMT
Frequency: 6 Ghz

SSMP female to SSMP female adapter

SLK P/N: 5MPF06S-MPF-003
Frequency: 6 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-A558
Cable : SPB-150
Frequency: 6 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-A570
Cable : HF-090
Frequency: 40 Ghz

SSMP right angle female connector

SLK P/N: 5MPF15R-A353
Cable : 047 CABLE
Frequency: 40 Ghz

SSMP male to 2.4mm female adapter

SLK P/N: 5MPM06S-P4F-001
Frequency: 50 Ghz

SSMP Series Connector

SSMP Series

SSMP female to 2.4mm female adapter

SLK P/N: 5MPF06S-P4F
Frequency: 50 Ghz

SSMP male to 2.4mm male adapter

SLK P/N: 5MPM06S-P4M-002
Frequency: 50 Ghz

SSMP right angle female connector

SLK P/N: 5MPF15R-A681
Cable : SFLEX-170
Frequency: 40 Ghz

SSMP right angle female connector(Semi-flexible cable solder type)

SLK P/N: 5MPF15R-A405
Cable : 047 CABLE
Frequency: 40 Ghz

SSMP female to 2.4mm male adapter

SLK P/N: 5MPF06S-P4M
Frequency: 50 Ghz

SSMP straight female connector(Flexible cable solder type)

SLK P/N: 5MPF15S-A82-001
Cable : Tflex405(0.86")
Frequency: 40 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-A627
Cable : 034 CABLE
Frequency: 40 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-A353
Cable : 047 CABLE
Frequency: 40 Ghz

SSMP straight female connector

SLK P/N: 5MPF15S-A02
Cable : RG316/U
Frequency: 18 GHz

SSMP straight female connector

SLK P/N: 5MPF15S-A00
Cable : THPC28S-BT
Frequency: 40 Ghz

SSMP Series Connector

SSMP Series

SSMP straight male connector (PCB connector)

SLK P/N: 5MPM20S-P01-001
Mounting: PCB through hole
Frequency: 40 Ghz

SSMP straight female connector(Semi-flexible cable solder type)

SLK P/N: 5MPF15S-A82
Cable : Tflex405(0.86")
Frequency: 40 Ghz

SSMP straight male connector(Flexible cable solder type)

SLK P/N: 5MPM15S-S01
Cable : RG405
Frequency: 6 Ghz

SSMP straight female connector(Flexible cable solder type)

SLK P/N: 5MPF15S-A420
Cable : 047 CABLE
Frequency: 40 Ghz

SSMP straight male connector(Semi-flexible cable solder type)

SLK P/N: 5MPM15S-A558
Cable : SPB-150
Frequency: 40 Ghz

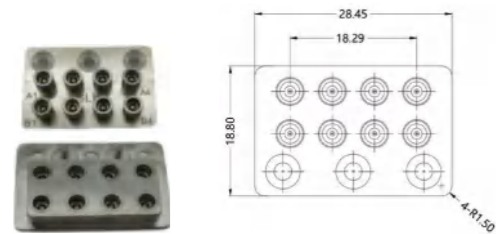
SSMP straight male connector (PCB connector)

SLK P/N: 5MPM28S-P54
Mounting: PCB surface mount
Frequency: 40 Ghz

SSMP VITA 67 Series Connector

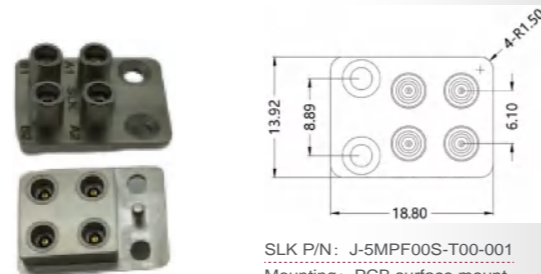
SSMP VITA 67 Series

SSMP VITA 67straight female connector(PCB connector)



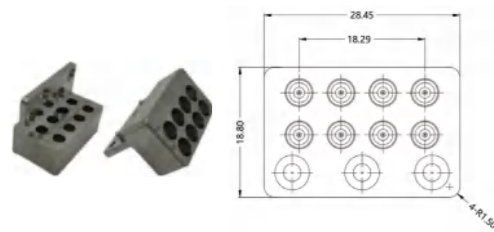
SLK P/N: J-5MPF00S-T00
 Mounting: PCB surface mount
 Frequency: 67 Ghz

SSMP VITA 67straight female connector(PCB connector)



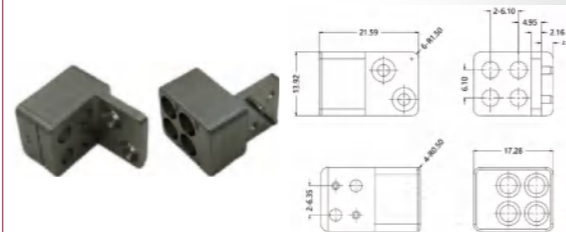
SLK P/N: J-5MPF00S-T00-001
 Mounting: PCB surface mount
 Frequency: 67GHz

SSMP VITA 67straight male connector(PCB connector)



SLK P/N: J-5MPM00S-T00
 Frequency: 67 Ghz

SSMP VITA 67straight male connector(PCB connector)



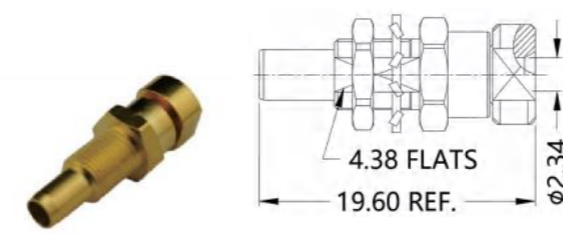
SLK P/N: J-5MPM00S-T00-001
 Mounting: PCB surface mount
 Frequency: 67GHz

SBMA Series Connector

SBMA Series

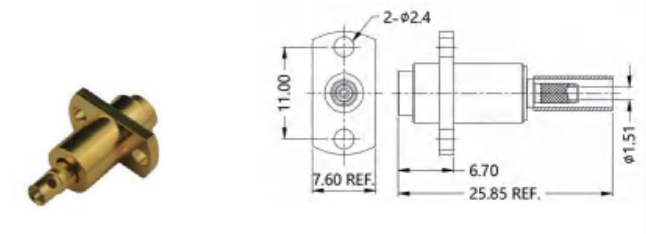
Other series - Superlink provides various other series of connector products, including HN, LC, FAKRA, FME,
 For SBMA, SSMP, bundle connectors, mixed connectors, etc., for more series products, please consult the sales staff of Superlink.

SBMA straight male connector(Flexible cable flow forming type)



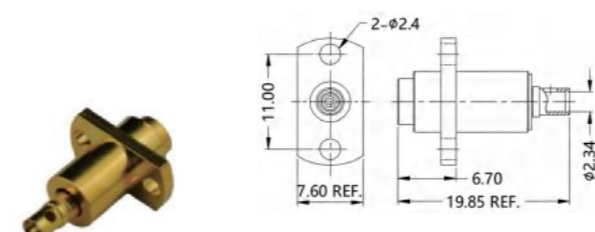
SLK P/N: 5BSM15S-A82
 Cable: TFLEX-405
 Frequency: 24 Ghz

SBMA straight female connector(Flexible cable crimping type)



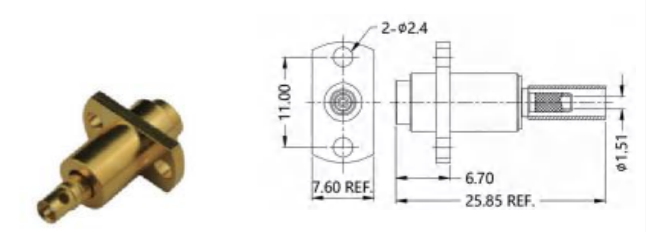
SLK P/N: 5BSF11S-A50
 Cable: RD316
 Frequency: 3 Ghz

SBMA straight female connector(Flexible cable crimping type)



SLK P/N: 5BSF15S-A82
 Cable: TFLEX-405
 Frequency: 24 Ghz

SBMA straight male connector(Flexible cable crimping type)



SLK P/N: 5BSM11S-A50
 Cable: RD316
 Frequency: 3 Ghz

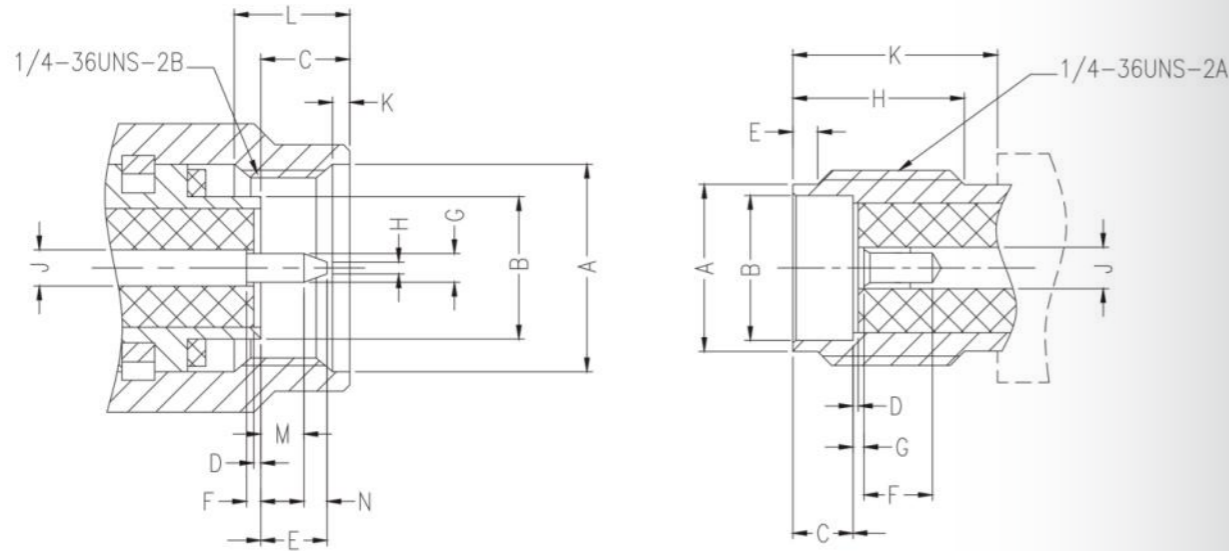
SBMA Series

SSMP Series

SMA Series Connector

SMA Series

SMA series RF coaxial connector is an ultra-small, high-frequency coaxial connector with a frequency range of DC-26.5GHz. It has the characteristics of small size, low loss, high mechanical strength, and good plug life. It is the most widely used RF connectors are widely used in microwave communications, aerospace and navigation, and microwave measurement equipment.



Male

Label	Minimum	Max
A	6.35	-
B	4.52	4.59
C	-	3.43
D	0.00	0.25
E	1.65	2.54
F	0.00	0.25
G	0.90	0.94
H	0.00	0.38
J	1.24	1.30
K	0.38	1.14
L	3.30	-
M	1.27	-
N	0.38	-

Female

Label	Minimum	Max
A	5.28	5.49
B	4.60	4.67
C	1.88	1.98
D	0.00	0.25
E	0.38	1.14
F	2.92	-
G	0.00	0.25
H	4.32	-
J	1.24	1.30
K	5.54	-

Note: unit mm
Reference standard: IEEE Std 287

SMA Series Connector

SMA Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	18-27 GHz
Operating Voltage	RG178:170 V(RMS)
	RG316, RG405:250 V(RMS)
	RG142, RG402:335 V(RMS)
Medium pressure	RG178:500 V(RMS)
	RG316, RG405:750V(RMS)
	RG142, RG402:1000V(RMS)
Conductor resistance	Inner conductor: $\leq 3.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, stainless steel	Gold plating, nickel plating, ternary alloy plating
Inner conductor	Male head: brass	Gold
	Female head: beryllium.copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 60 \text{ lbs}$
Thread torque	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 2 \text{ lbs}$
Center pin pullout force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

SMA Series Connector

SMA Series

SMA straight male connector(Flexible cable crimping type)

SLK P/N: 5MAM11S-A02-011
Cable : RG316
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM13S-A336
Cable : MG-200
Frequency: 18 Ghz

SMA straight male connector(Flexible cable crimping type)

SLK P/N: 5MAM11S-A41-010
Cable : RG58
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM14S-A279-002
Cable : MG-300
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK Part Number: 5MAM11S-A46-018
Cable : LMR-240
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A231-005
Cable : HF-190
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM11S-A130
Cable : LMR-300
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM11S-A210-002
Cable : HF-290
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM11S-A11-006
Cable : LMR-400
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A87-003
Cable : SFT-142
Frequency: 18 Ghz

SMA Series Connector

SMA Series

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A207-002
Cable : SFT-205
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF11S-A02-006
Cable : RG316
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-A71-002
Cable : SFT-304
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF11S-A46-007
Cable : LMR-240
Frequency: 6 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM13S-A120-001
Cable : SFT-316
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF15S-A207
Cable : SFT-205
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-S02-078
Cable : RG-402- 141 CABLE
Frequency: 18 Ghz

SMA straight female connector(Flexible cable solder type)

SLK P/N: 5MAF15S-A231-001
Cable : HF-190
Frequency: 18 Ghz

SMA straight male connector(Flexible cable solder type)

SLK P/N: 5MAM15S-S01-013
Cable : RG405- 086*cable
Frequency: 18 Ghz

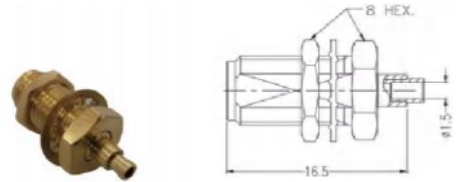
1.85mm male to 2.4mm male adapter

SLK P/N: 5MAF35S-A470
Cable : SPB-360
Frequency: 18 Ghz

SMA Series Connector

SMA Series

SMA straight female connector(Flexible cable solder type)



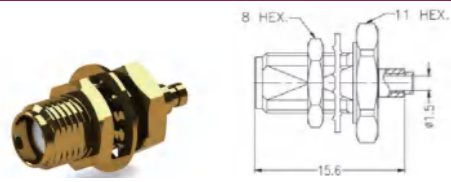
SLK P/N: 5MAF11S-A425-003
Cable : \varnothing 1.32
Frequency: 6 GHz

SMA straight female connector(Flexible cable solder type)



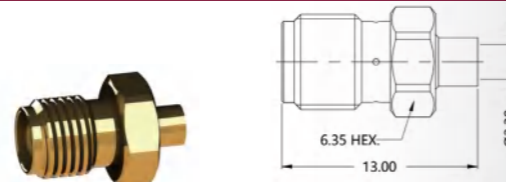
SLK P/N: 5MAF15S-S02-012
Cable : RG402
Frequency: 18 GHz

SMA straight female connector(Flexible cable solder type)



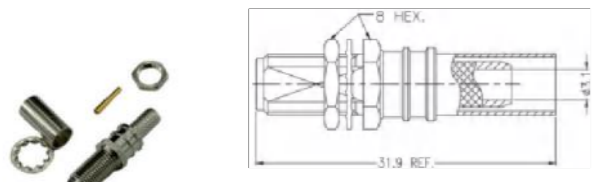
SLK Part Number: 5MAF15S-A72-003
Cable : \varnothing 1.37
Frequency: 6 GHz

SMA straight female connector(Flexible cable solder type)



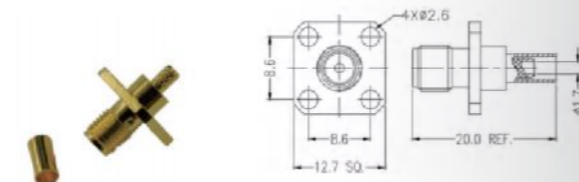
SLK P/N: 5MAF15S-S01-006
Cable : RG405
Frequency: 12 GHz

SMA straight female connector(Flexible cable crimping type)



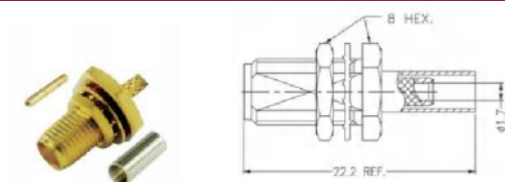
SLK P/N: 5MAF51S-A200
Cable : TCOM-200
Frequency: 6 GHz

SMA straight female connector(Flexible cable crimping type)



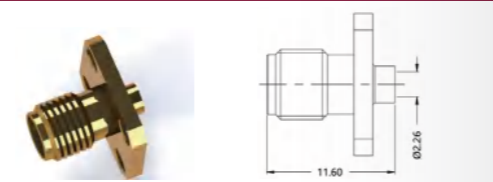
SLK P/N: 5MAF51S-A02-005
Cable : RG-316
Frequency: 6 GHz

SMA straight female connector(Flexible cable crimping type)



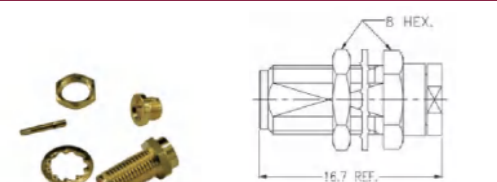
SLK P/N: 5MAF11S-A02-045
Cable : RG-316
Frequency: 6 GHz

SMA straight female connector(Flexible cable solder type)



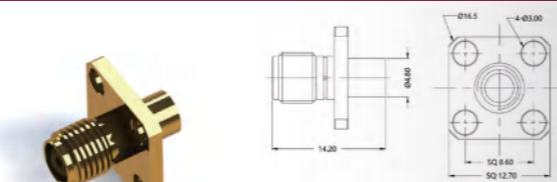
SLK P/N: 5MAF15S-S01-034
Cable : 086" cable
Frequency: 6 GHz

SMA straight male connector(Flexible cable solder type)



SLK P/N: 5MAF15S-A347-003
Cable : Flexiform 402 LX
Frequency: 13.5 GHz

SMA straight female connector(Flexible cable solder type)

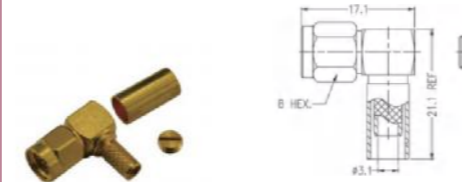


SLK P/N: 5MAF85S-S02
Cable : 141 cable
Frequency: 6 GHz

SMA Series Connector

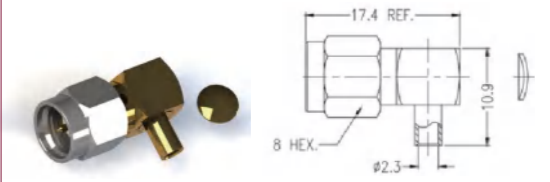
SMA Series

SMA right angle male connector(Flexible cable crimping type)



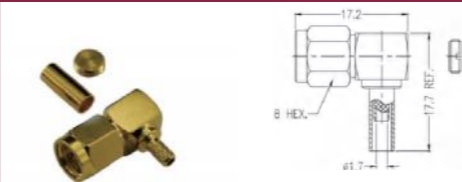
SLK P/N: 5MAM11R-A09-009
Cable : RG223
Frequency: 6 GHz

SMA right angle male connector(Flexible cable solder type)



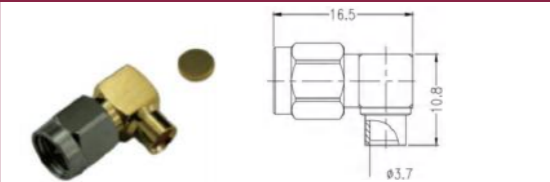
SLK P/N: 5MAM15R-S01-013
Cable : RG-405, 086" cable
Frequency: 6 GHz

SMA right angle male connector(Flexible cable crimping type)



SLK P/N: 5MAM11R-A02-027
Cable : RG316U
Frequency: 12.4 GHz

SMA right angle male connector(Flexible cable solder type)



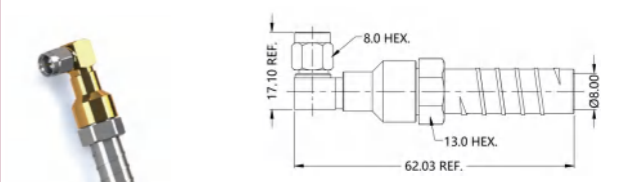
SLK P/N: 5MAM15R-S02-031
Cable : 141 cable
Frequency: 6 GHz

SMA right angle male connector(Flexible cable solder type)



SLK P/N: 5MAM15R-A231-005
Cable : HF-190
Frequency: 18 GHz

SMA right angle male connector(Flexible cable solder type)



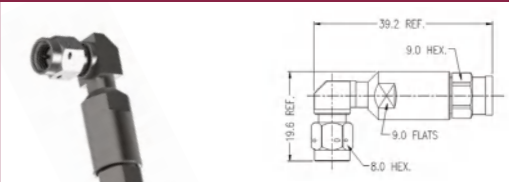
SLK P/N: 5MAM15R-A210
Cable : HF-290
Frequency: 18 GHz

SMA right angle male connector(Flexible cable solder type)



SLK P/N: 5MAM15R-A207
Cable : SFT-205
Frequency: 18 GHz

SMA right angle male connector(Flexible cable solder type)



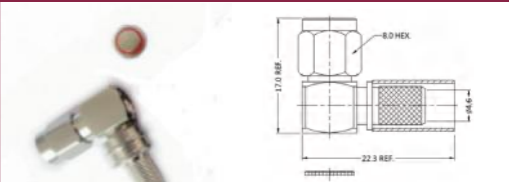
SLK P/N: 5MAM13R-A336
Cable : MG-200
Frequency: 18 GHz

SMA right angle male connector(Flexible cable solder type)



SLK P/N: 5MAM13R-A120
Cable : SFT-316
Frequency: 18 GHz

SMA right angle male connector(Flexible cable solder type)

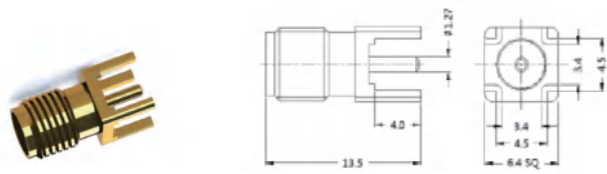


SLK P/N: 5MAM11R-A46-006
Cable : LMR-240
Frequency: 6 GHz

SMA Series Connector

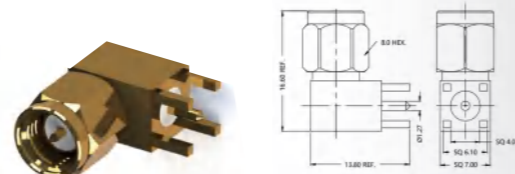
SMA Series

SMA straight female connector (PCB connector)



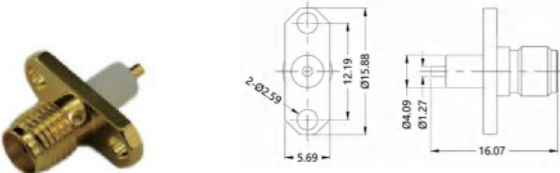
SLK P/N: 5MAF25S-P41-019
Mounting: PCB through hole
Frequency: 6 Ghz

SMA right angle male connector (PCB connector)



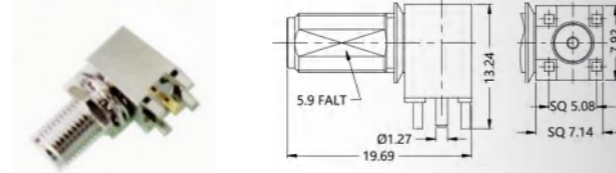
SLK P/N: 5MAM25R-P01
Mounting: PCB through hole
Frequency: 18 Ghz

SMA straight female connector (PCB connector)



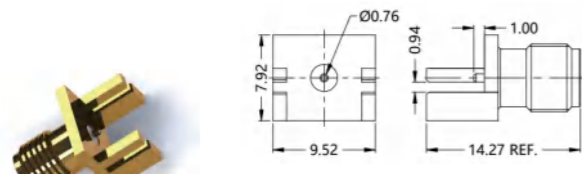
SLK P/N: 5MAF85S-H21-017
Mounting: 2 hole flange
Frequency: 18 Ghz

SMA right angle female connector (PCB connector)



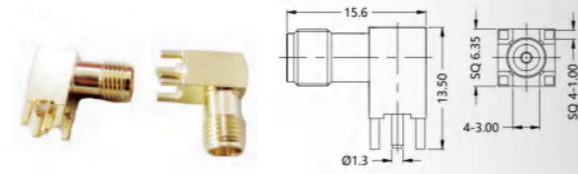
SLK P/N: 5MAF25R-P41-044
Mounting: PCB through hole
Frequency: 6 Ghz

SMA straight female connector (PCB connector)



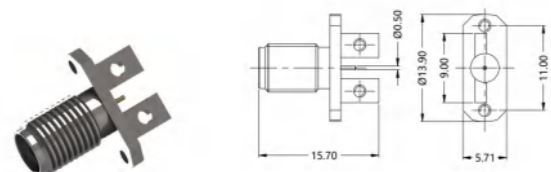
SLK P/N: 5MAF28S-P41-023
Mounting: PCB end-launch
Frequency: 18 Ghz

SMA right angle female connector (PCB connector)



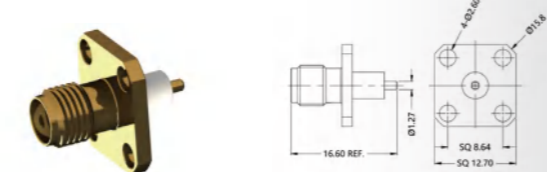
SLK P/N: 5MAF25R-P41-028
Mounting: PCB through hole
Frequency: 6 Ghz

SMA straight female connector (PCB connector)



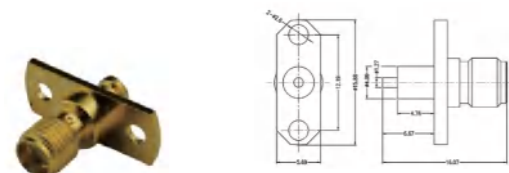
SLK P/N: 5MAF25S-P21-001
Mounting: PCB end-launch
Frequency: 18 Ghz

SMA straight female connector (PCB connector)



SLK P/N: 5MAF85S-H41-012
Mounting: 4 through hole
Frequency: 6 Ghz

SMA straight female connector (PCB connector)

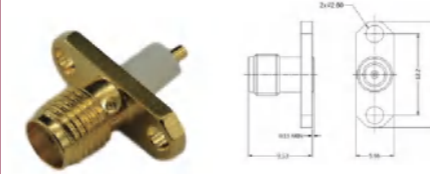


SLK P/N: 5MAF85S-H21-017
Mounting: 2 through hole
Frequency: 6 Ghz

SMA Series Connector

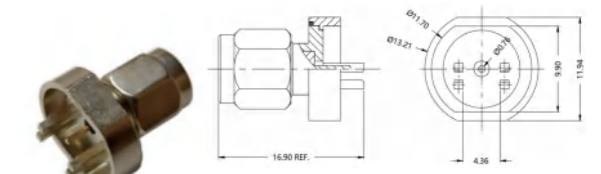
SMA Series

SMA straight female connector (PCB connector)



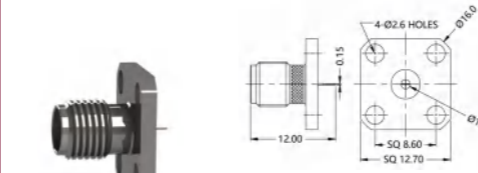
SLK P/N: 5MAF85S-H21-006
Mounting: 2 through hole
Frequency: 18 Ghz

SMA straight male connector (PCB connector)



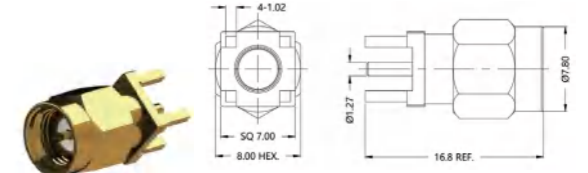
SLK P/N: 5MAM28S-P41
Mounting: PCB end-launch
Frequency: 6 Ghz

SMA straight female connector (PCB connector)



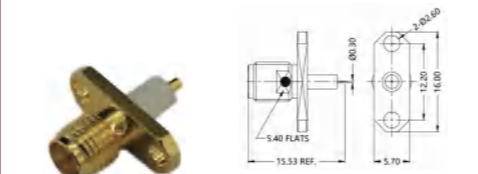
SLK P/N: 5MAF85S-H41-031
Mounting: 4 t hole
Frequency: 18 Ghz

SMA straight male connector (PCB connector)



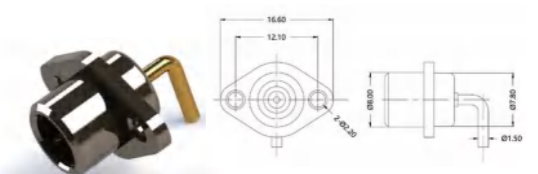
SLK P/N: 5MAM25S-P41
Mounting: PCB-SMT
Frequency: 6 Ghz

SMA straight female connector (PCB connector)



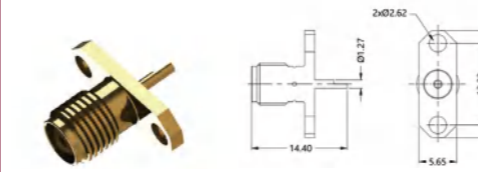
SLK P/N: 5MAF85S-H21-018
Mounting: 2 through hole
Frequency: 26.5 Ghz

SMA straight male connector (PCB connector)



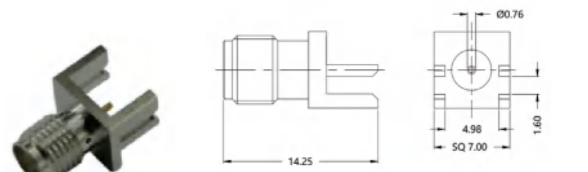
SLK P/N: 5MAM50S-P02-003
Mounting: 2 through hole
Frequency: 6 Ghz

SMA straight female connector (PCB connector)



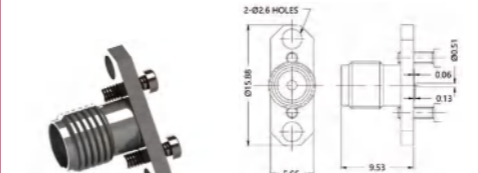
SLK P/N: 5MAF85S-H21-002
Mounting: 2 through hole
Frequency: 6 Ghz

SMA straight female connector (PCB connector)



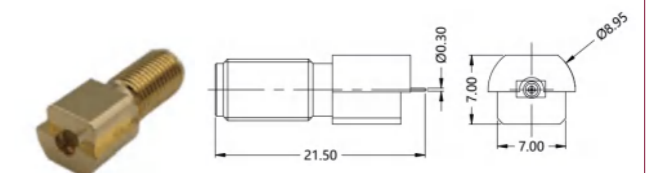
SLK P/N: 5MAF28S-P41-021
Mounting: PCB through hole
Frequency: 18 Ghz

SMA straight female connector (PCB connector)



SLK P/N: 5MAF24S-P01-002
Mounting: 2 through hole
Frequency: 27 Ghz

SMA straight female connector (PCB connector)



SLK P/N: 5MAF28S-P21-005
Mounting: PCB end-launch
Frequency: 18 Ghz

SMB Series Connector

SMB Series

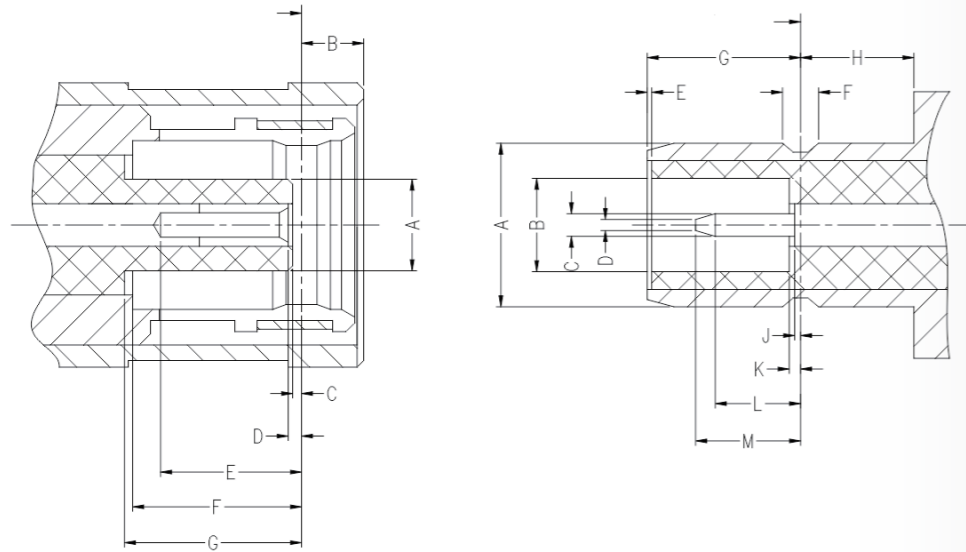
The SMB series RF coaxial connector is a small push-in RF connector developed and produced in accordance with the detailed specifications of MIL-C-39012.

The application frequency is up to 4GHz.

It is small in size, easy to plug and unplug, and has excellent electrical performance.

It is suitable for wireless Applications such as high-frequency loop connection of communication equipment and electronic instruments.

Superlink also provides SMB 75Ω series connectors with a frequency range of DC-2GHz.



Male

Label	Minimum	Max
A	-	2.06
B	-	1.63
C	0.18	-
D	0.18	0.94
E	2.97	-
F	3.58	-
G	3.58	-

Female

Label	Minimum	Max
A	3.66	3.71
B	2.08	2.16
C	0.48	0.53
D	-	0.25
E	0.00	-
F	0.69	0.94
G	3.33	3.58
H	1.65	-
J	-	0.18
K	-	0.18
L	1.32	-
M	-	2.97

Note: unit mm

Reference standard: MIL-C-39012(GJB681A,IEC60169-10)

SMB Series Connector

SMB Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-4 GHz
Operating Voltage	RG178:250 V(RMS)
	RG316, RG405:335 V(RMS)
Medium pressure	RG178:750 V(RMS)
	RG316, RG405:1000V(RMS)
Conductor resistance	Inner conductor: $\leq 6.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

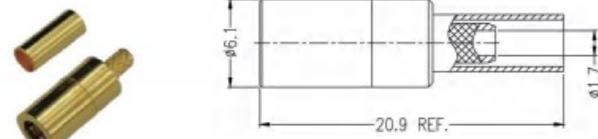
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gold
	Female head: beryllium.copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	$\leq 14 \text{ lbs}$
Male and female pullout force	2 lbs - 14 lbs
Center pin insertion force	$\leq 2.5 \text{ lbs}$
Center pin pullout force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 4 \text{ lbs}$
Durability	500 times

SMB Series Connector

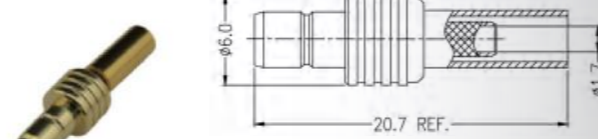
SMB Series

SMB straight male connector(Flexible cable crimping type)



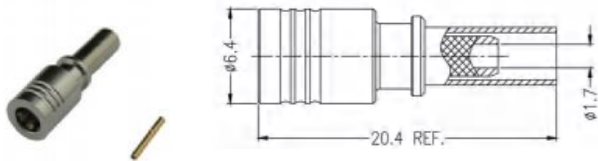
SLK P/N: 5MBM11S-A02-012
Cable : RG316
Frequency: 4.5 Ghz

SMB straight female connector(Flexible cable solder type)



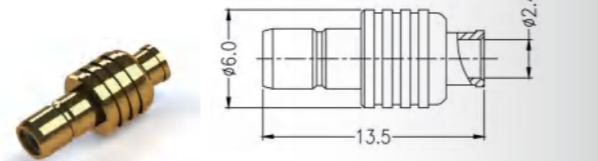
SLK P/N: 5MBF11S-A02-017
Cable : RG316
Frequency: 3 Ghz

SMB straight male connector(Flexible cable crimping type)



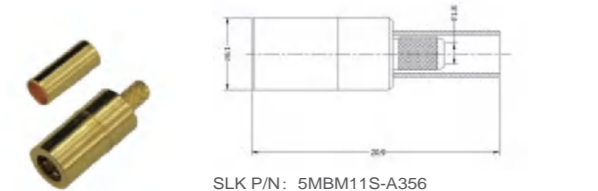
SLK P/N: NM-5MBM11S-A02
Cable : RG316
Frequency: 4 Ghz

SMB straight female connector(Flexible cable solder type)



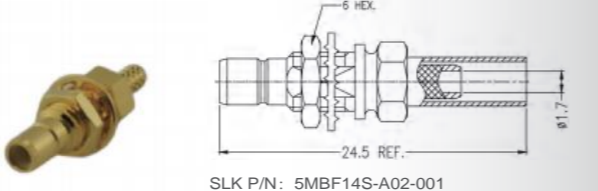
SLK P/N: 5MBF14S-A82
Cable : TFLEX-405
Frequency: 2 Ghz

SMB straight male connector(Flexible cable crimping type)



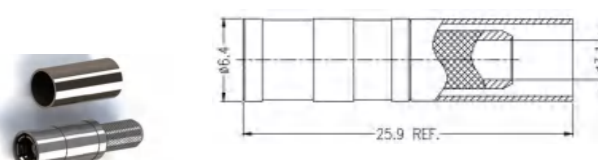
SLK P/N: 5MBM11S-A356
Cable : 1.5D-HQ
Frequency: 4.5 GHz

SMB straight female connector(Flexible cable crimping type)



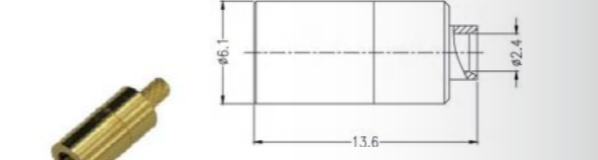
SLK P/N: 5MBF14S-A02-001
Cable : RG-316
Frequency: 3 Ghz

SMB straight male connector(Flexible cable crimping type)



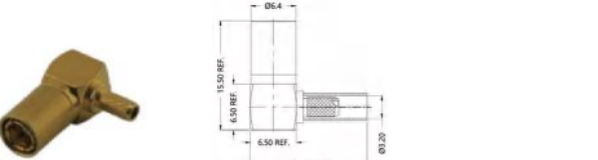
SLK P/N: 5MBM11S-A200
Cable : TCOM-200
Frequency: 3 Ghz

SMB straight male connector(Flexible cable solder type)



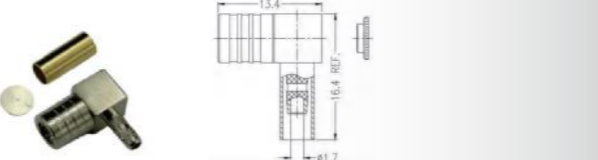
SLK P/N: 5MBM15S-S01-001
Cable : RG-405, 086" cable
Frequency: 4.5 Ghz

SMB right angle male connector(Flexible cable crimping type)



SLK P/N: 5MBM11R-A02-030
Cable : RG-316
Frequency: 4 Ghz

SMB right angle male connector(Flexible cable crimping type)



SLK P/N: 5MBM11R-A50-001
Cable : RD-316
Frequency: 4 Ghz

SMB Series Connector

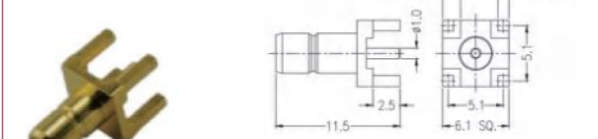
SMB Series

SMB right angle female connector (PCB connector)



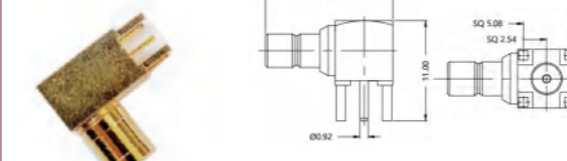
SLK P/N: 5MBF25R-P01-001
Mounting: PCB through hole
Frequency: 4 Ghz

SMB straight female connector (PCB connector)



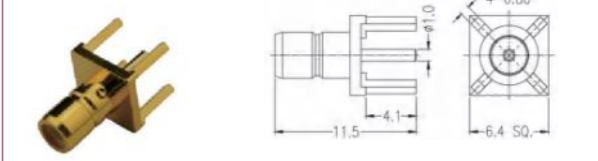
SLK P/N: 5MBF20S-P10
Mounting: PCB through hole
Frequency: 4 Ghz

SMB right angle male connector (PCB connector)



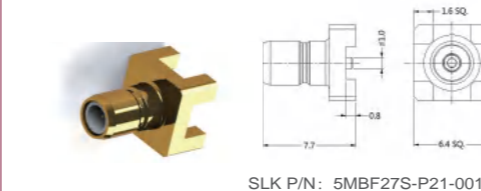
SLK P/N: 5MBM25R-P41-008
Mounting: PCB through hole
Frequency: 4 Ghz

SMB straight female connector (PCB connector)



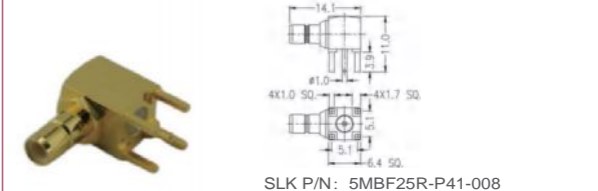
SLK P/N: 5MBF25S-P01-001
Mounting: PCB through hole
Frequency: 4 Ghz

SMB straight female connector (PCB connector)



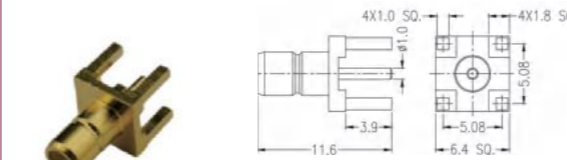
SLK P/N: 5MBF27S-P21-001
Mounting: PCB-SMT
Frequency: 3 Ghz

SMB right angle female connector (PCB connector)



SLK P/N: 5MBF25R-P41-008
Mounting: PCB through hole
Frequency: 4 Ghz

SMB straight female connector (PCB connector)

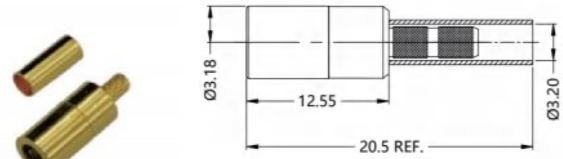


SLK P/N: 5MBF25S-P01
Mounting: PCB through hole
Frequency: 4 Ghz

SMB75 ohm Series Connector

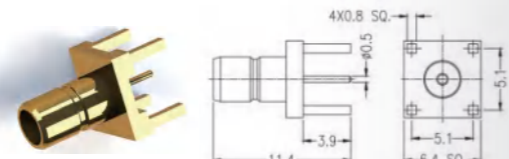
SMB75 ohm Series

SMB 75 ohm straight male connector (Flexible cable crimping type)



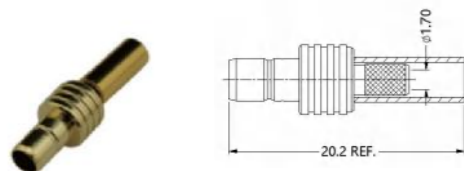
SLK P/N: 7MBM11S-A01-006
Cable : RG-179
Frequency: 4 Ghz

SMB 75 ohm straight female connector(PCB connector)



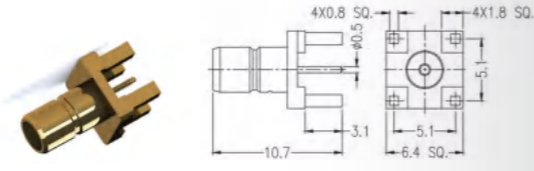
SLK P/N: 7MBF50S-P01
Mounting: PCB through hole
Frequency: 4 Ghz

SMB 75 ohm straight female connector (Flexible cable crimping type)



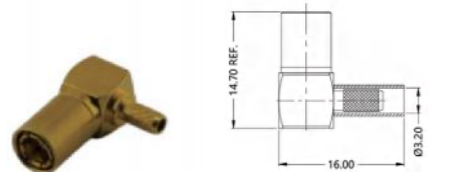
SLK P/N: 7MBF11S-A01-003
Cable : RG-179
Frequency: 2 Ghz

SMB 75 ohm straight female connector(PCB connector)



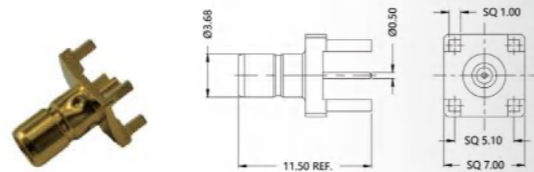
SLK P/N: 7MBF25S-P01-002
Mounting: PCB through hole
Frequency: 1 Ghz

SMB 75 ohm right angle female connector (Flexible cable crimping type)



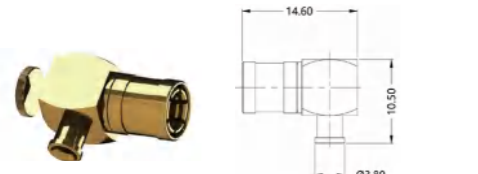
SLK P/N: 7MBM11R-A01-006
Cable : RG179/U
Frequency: 1.2 GHz

SMB 75 ohm straight female connector(PCB connector)



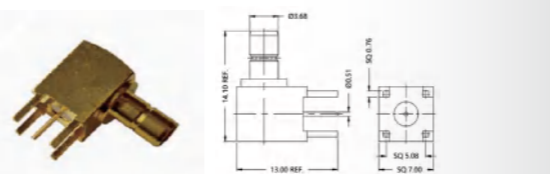
SLK P/N: 7MBF25S-P41-014
Mounting: PCB through hole
Frequency: 1 Ghz

SMB 75 ohm right angle male connector (Semi-flexible cable crimping type)



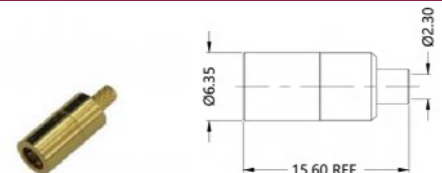
SLK P/N: 7MBM15R-A357
Cable : 086"
Frequency: 3 Ghz

SMB 75 ohm right angle female connector(PCB connector)



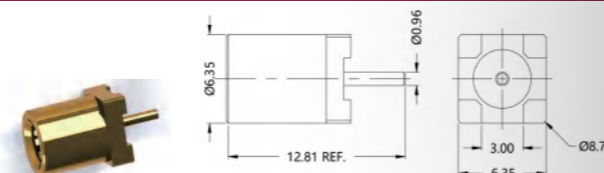
SLK P/N: 7MBF25R-P41
Mounting: PCB through hole
Frequency: 1 Ghz

SMB 75 ohm right angle male connector (Semi-flexible cable crimping type)



SLK P/N: 7MBM15S-A357
Cable : 086"
Frequency: 1.3 GHz

SMB 75 ohm straight female connector(PCB connector)

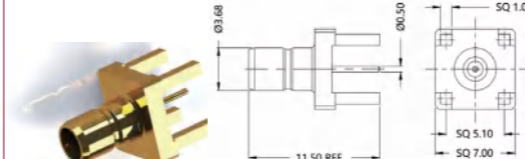


SLK P/N: 7MBM27S-P41-002
Mounting: PCB surface mount
Frequency: 3 Ghz

SMB75 ohm Series Connector

SMB75 ohm Series

SMB 75 ohm straight male connector(PCB connector)



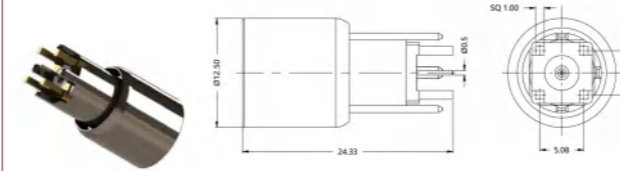
SLK P/N: 7MBF25S-P01-003
Mounting: PCB through hole
Frequency: 1 Ghz

SMA right angle male connector(Flexible cable solder type)



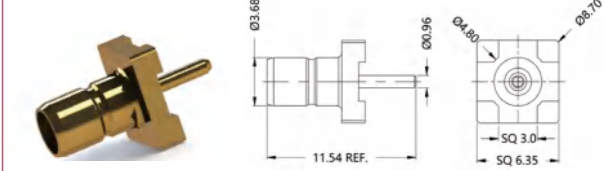
SLK P/N: 7MBM25S-P41-004
Mounting: PCB through hole
Frequency: 1 Ghz

SMB 75 ohm straight male connector(PCB connector)



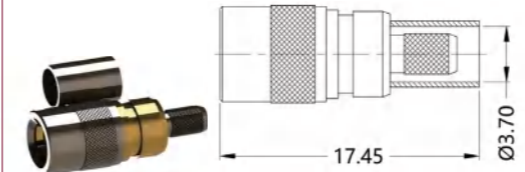
SLK P/N: 7MBF25S-P41-015
Mounting: PCB through hole
Frequency: 3 Ghz

SMB 75 ohm straight male connector(PCB connector)



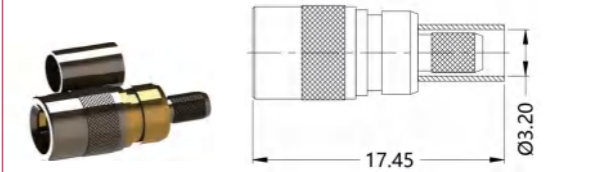
SLK P/N: 7MBF27S-P41
Mounting: PCB through hole
Frequency: 3 Ghz

SMB 75 ohm straight male connector (Flexible cable crimping type)



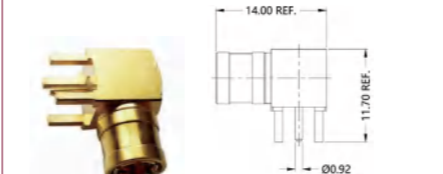
SLK P/N: 7MBM11S-A00-003
Cable : RG179-QS
Frequency: 1.2 GHz

SMB 75 ohm straight male connector (Flexible cable crimping type)



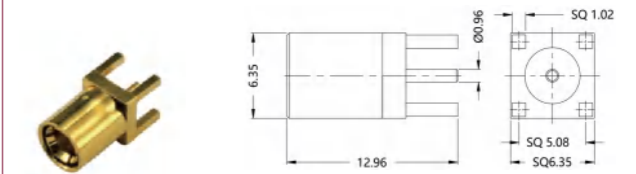
SLK P/N: 7MBM11S-A01-007
Cable : RG179
Frequency: 1 Ghz

SMB 75 ohm right angle male connector(PCB connector)



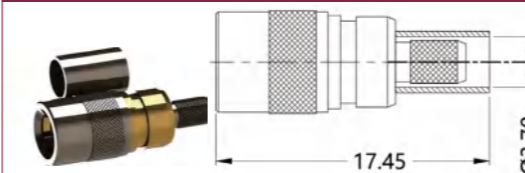
SLK P/N: 7MBM25R-P41-001
Mounting: PCB through hole
Frequency: 1 Ghz

SMB 75 ohm straight male connector(PCB connector)



SLK P/N: 7MBM25S-P41-009
Mounting: PCB through hole
Frequency: 1 Ghz

SMB 75 ohm straight male connector (Flexible cable crimping type)



SLK P/N: 7MBM11S-A536
Cable : RG-179D
Frequency: 1 Ghz

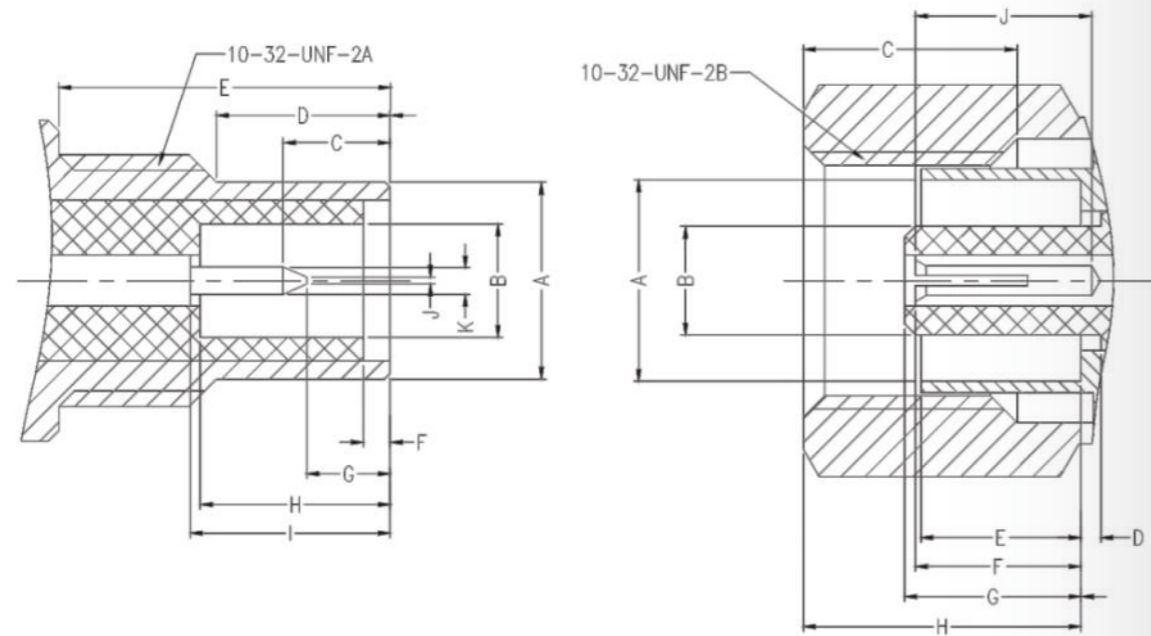
SMC Series Connector

SMC Series

SMC series RF coaxial connectors are ultra-small RF connectors with threaded connection and the same internal structure as SMB design.

It is small in size, light in weight, and has good shock resistance, with a frequency of up to 10 GHz.

It is mainly used in wireless communication equipment, electronic instruments and other fields



Male

Label	Minimum	Max
A	-	3.71
B	2.08	-
C	-	2.13
D	3.12	3.38
E	5.49	-
F	0.00	-
G	0.16	-
H	3.40	-
I	3.40	-
J	-	0.25
K	0.48	0.53

Female

Label	Minimum	Max
A	3.37	-
B	-	2.06
C	2.79	-
D	0.00	-
E	-	3.10
F	-	3.40
G	-	3.40
H	-	5.92
J	2.79	-

Note: unit mm

Reference standard: MIL-C-39012(IEC6016-9)

SMC Series Connector

SMC Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-10 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 6.00 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.00 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

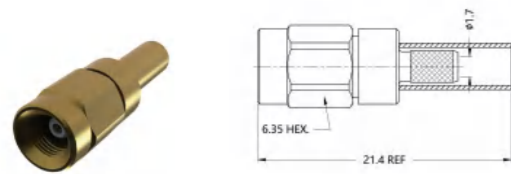
Material/Plating		
Material/Plating	Material	Coating
Main body, hardware accessories	brass	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A

Mechanical behavior	
Male and female insertion force	$\leq 14 \text{ lbs}$
Male and female pullout force	2 lbs - 14 lbs
Center pin insertion force	$\leq 2.5 \text{ lbs}$
Center pin pullout force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 4 \text{ lbs}$
Durability	500 times

SMC Series Connector

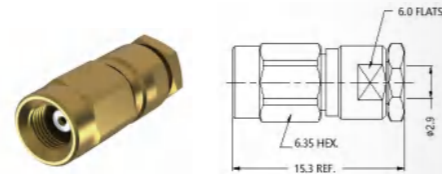
SMC Series

SMC straight male connector(Flexible cable crimping type)



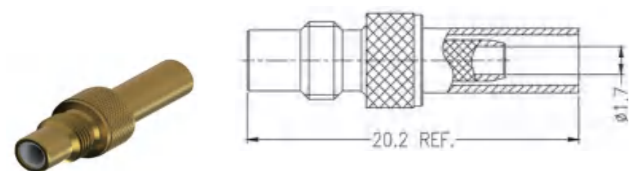
SLK P/N: 5AMM11S-A02
Cable : RG-316
Frequency: 3 Ghz

SMC straight male connector(Flexible cable crimping type)



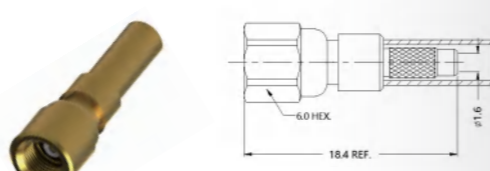
SLK P/N: 5AMM11S-A02-003
Cable : RG-316
Frequency: 3 Ghz

SMC straight female connector(Flexible cable crimping type)



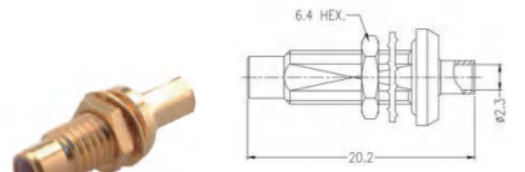
SLK P/N: 5AMF11S-A02
Cable : RG-316
Frequency: 3 Ghz

SMC straight male connector(Flexible cable crimping type)



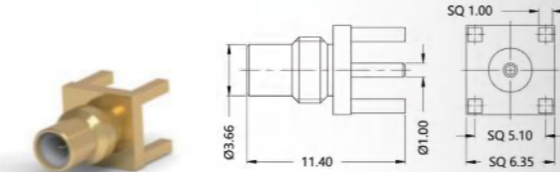
SLK P/N: 5AMM11S-A02-006
Cable : RG-316
Frequency: 3 Ghz

SMC straight female connector(Flexible cable crimping type)



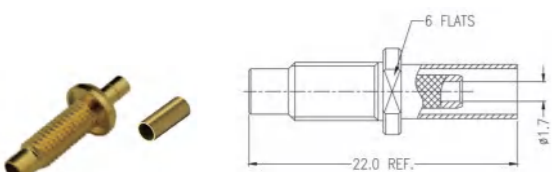
SLK P/N: 5AMF11S-A72
Cable : 1.37 cable
Frequency: 3 GHz

SMC straight female connector (PCB connector)



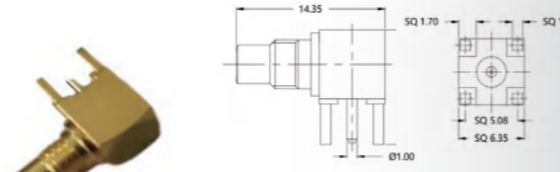
SLK P/N: 5AMF25S-P41
Mounting: PCB through hole
Frequency: 10 Ghz

SMC straight female connector(Flexible cable crimping type)



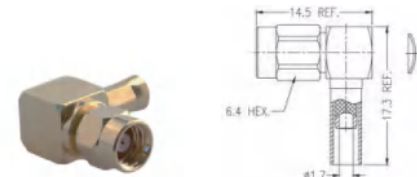
SLK P/N: 5AMF11S-A440
Cable : Type S cable
Frequency: 1 Ghz

SMC straight female connector (PCB connector)



SLK P/N: 5AMF25R-P41-001
Mounting: PCB through hole
Frequency: 10 Ghz

SMC right angle female connector(Flexible cable solder type)



SLK P/N: 5AMM11R-A02-004
Cable : RG-316
Frequency: 3 Ghz

SMP Series Connector

SMP Series

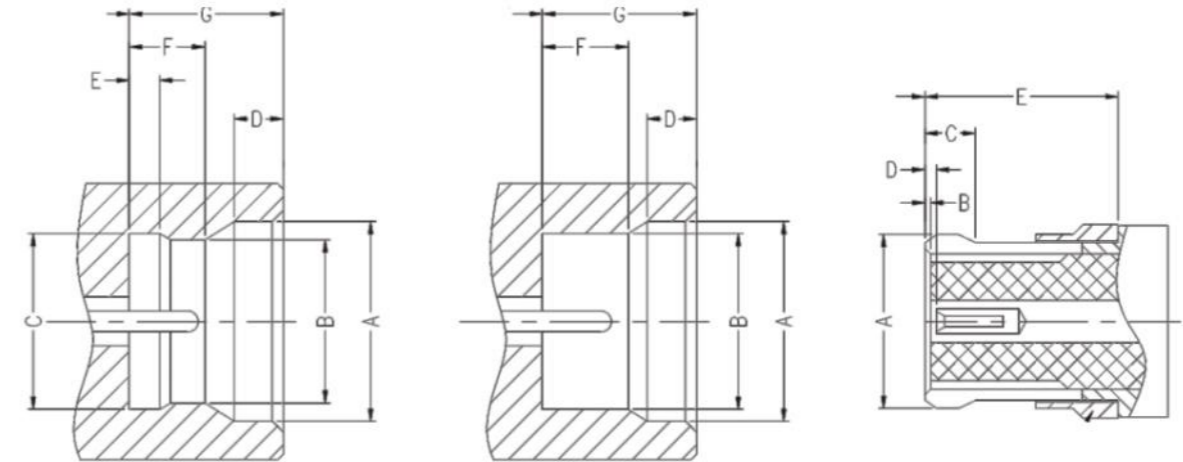
SMP series RF coaxial connector is a new type of ultra-small blind-mate RF connector.

Its application frequency is up to 40GHz.

It is small in size, excellent in electrical performance, easy to plug and unplug, and has good shock resistance.

The structural characteristics allow axial and radial directions.

There is a slight mismatch offset, which is widely used in the application of high-density blind insertion between printed circuit boards and chassis cabinets, and is used more and more widely in communication fields such as radar and aerospace.



Male

Label	Minimum	Max
A	3.54	3.68
B(full escapement)	2.90	3.00
B(limited escapement)	3.00	3.10
B(light vertical)	3.13	3.22
C	3.15	3.20
D	0.84	0.94
E	0.52	0.60
F(full escapement)	1.30	1.44

Female

Label	Minimum	Max
A	-	3.43
B	0.00	-
C (Wiring)	0.64	0.89
C (no Wiring)	0.46	0.64
D	0.00	0.20
E	2.84	-

Note: unit mm

Reference standard: IEEE Std 287-2007

SMP Series Connector

SMP Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-40 GHz
Operating Voltage	335 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: $\leq 6.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, beryllium copper	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gilded
Insulator	Female head: beryllium copper, phosphor bronze	N/A
	Teflon	

Mechanical behavior	
Male and female insertion force	$\leq 15 \text{ lbs}$ (full escapement) $\leq 10 \text{ lbs}$ (limited escapement) $\leq 2 \text{ lbs}$ (light longitudinal)
Male and female pullout force	$\geq 5 \text{ lbs}$ (full escapement) $\geq 2 \text{ lbs}$ (limited escapement) $\geq 0.5 \text{ lbs}$ (light longitudinal))
Center pin insertion force	$\leq 24 \text{ ounces}$
Center pin pullout force	$\geq 0.5 \text{ ounce}$
Center pin retention	$\geq 1.5 \text{ lbs}$
Durability	100 times (full escapement)
	500times (limited escapement)
	1000times (light longitudinal))

SMP Series Connector

SMP Series

SMP female to SMP female straight adapter

SLK P/N: 5SPF06S-SPF-032
Frequency: 18 GHz

SMP female to SMP female straight adapter

SLK P/N: 5SPF06S-SPF-033
Frequency: 12 GHz

SMP straight male connector (PCB connector)

SLK P/N: 5SPM85S-H21-004
Mounting: PCB end-launch
Frequency: 12 GHz

SMP straight male connector (PCB connector)

SLK P/N: 5SPM25S-P40
Mounting: PCB through hole
Frequency: 6 GHz

SMP straight male connector (PCB connector)

SLK P/N: 5SPM25S-P01-027
Frequency: 18 GHz

SMP straight male connector (PCB connector)

SLK P/N: 5SPM25S-P01-023
Frequency: 18 GHz

SMP straight male connector (PCB connector)

SLK P/N: 5SPM25S-P41-040
Frequency: 18 GHz

SMP straight male connector (PCB connector)

SLK P/N: 5SPM28S-P21-002
Mounting: PCB end-launch
Frequency: 18 GHz

SMP straight male connector(Flexible cable crimping type)

SLK P/N: 5SPM31S-A02
Cable: RG316
Frequency: 6 GHz

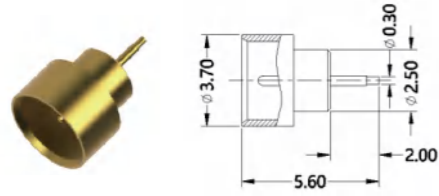
SMP straight male connector(Flexible cable solder type)

SLK P/N: 5SPM35S-A82
Cable: RG405
Frequency: 6 GHz

SMP Series Connector

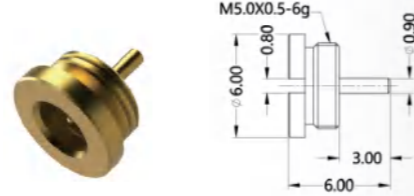
SMP Series

SMP straight male connector (PCB connector)



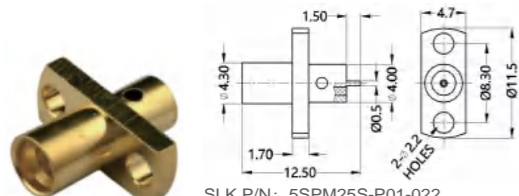
SLK P/N: 5SPM25S-P01-026
Frequency: 18 Ghz

SMP straight male connector (PCB connector)



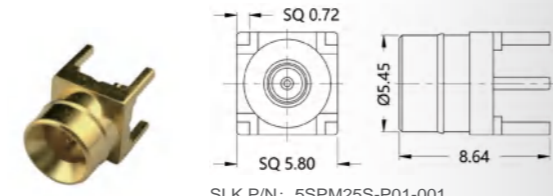
SLK P/N: 5SPM25S-P01-031
Frequency: 18 Ghz

SMP straight male connector (PCB connector)



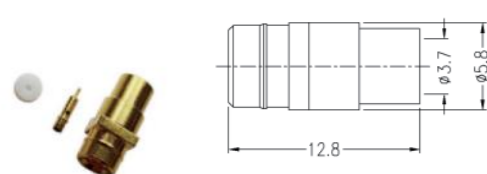
SLK P/N: 5SPM25S-P01-022
Mounting: 2 hole flange
Frequency: 3 Ghz

SMP straight male connector (PCB connector)



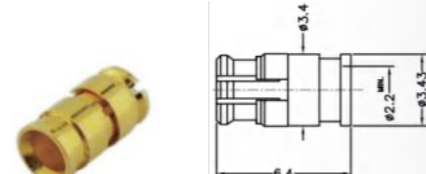
SLK P/N: 5SPM25S-P01-001
Mounting: PCB hole flange
Frequency: 6 Ghz

SMP straight male connector(Flexible cable solder type)



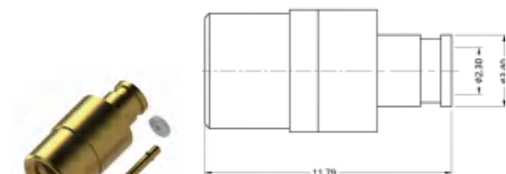
SLK P/N: 5SPM14S-S02
Cable : RG402
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)



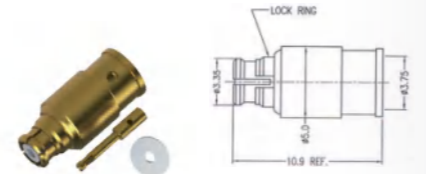
SLK P/N: 5SPF15S-S01-001
Cable : F086 CABLE
Frequency: 6 Ghz

SMP straight male connector(Flexible cable solder type)



SLK P/N: 5SPM15S-S01-006
Cable : RG405
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)



SLK P/N: 5SPF15S-A81-001
Cable : TFLEX-402 141 CABLE
Frequency: 18 Ghz

SMP straight male connector(Flexible cable solder type)



SLK P/N: 5SPM11S-A02
Cable : RG316
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)

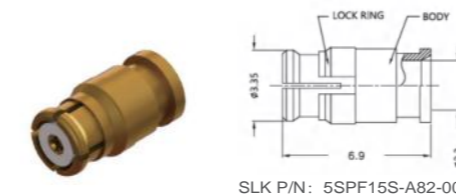


SLK P/N: 5SPF15S-S02-001
Cable : RG402
Frequency: 6 Ghz

SMP Series Connector

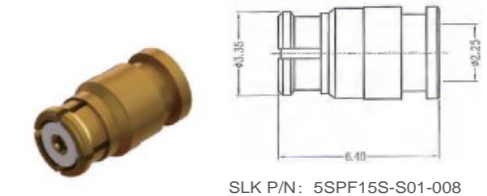
SMP Series

SMP straight female connector(Flexible cable solder type)



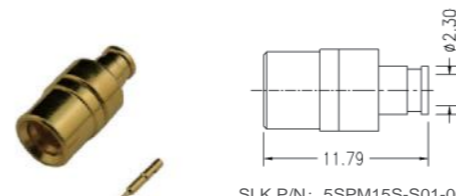
SLK P/N: 5SPF15S-A82-006
Cable : TFLEX-405
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



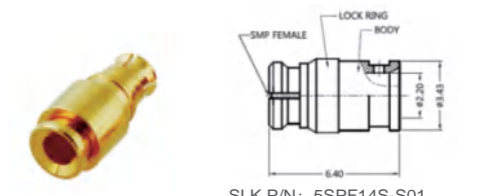
SLK P/N: 5SPF15S-S01-008
Cable : 670-086-SXE
Frequency: 18 Ghz

SMP straight male connector(Flexible cable solder type)



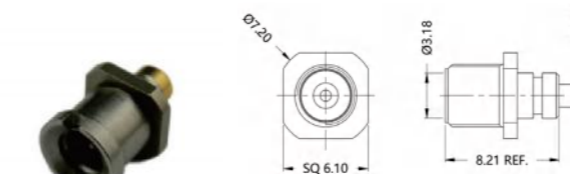
SLK P/N: 5SPM15S-S01-006
Cable : RG405(086")
Frequency: 6 Ghz

SMP straight female connector(Flexible cable solder type)



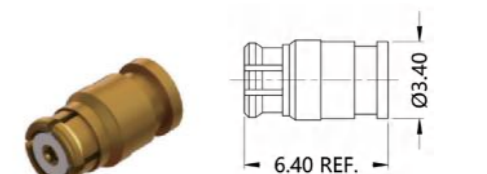
SLK P/N: 5SPF14S-S01
Cable : 086"
Frequency: 6 Ghz

SMP straight male connector(Flexible cable solder type)



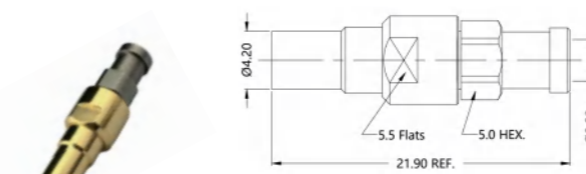
SLK P/N: 5SPM15S-S04-001
Cable : TFLEX-047
Frequency: 18 Ghz

SMP straight female connector(Flexible cable solder type)



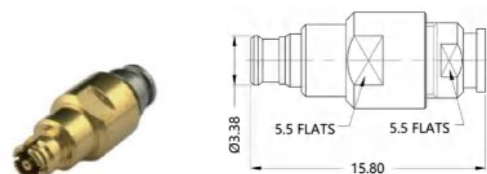
SLK P/N: 5SPF15S-S04-002
Cable : 047"
Frequency: 11 Ghz

SMP straight male connector(Flexible cable solder type)



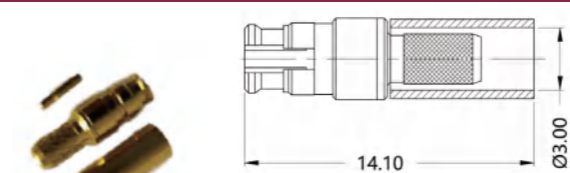
SLK P/N: 5SPM15S-A82-002
Cable : TFLEX405(0.86")
Frequency: 26.5 Ghz

SMP straight female connector(Flexible cable solder type)



SLK P/N: 5SPF15S-A420-001
Cable : 047 CABLE
Frequency: 40 Ghz

SMP straight female connector(Flexible cable crimping type)

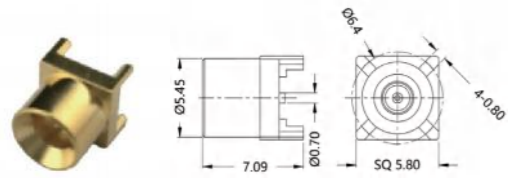


SLK P/N: 5SPF11S-A02-002
Cable : RG316
Frequency: 6 Ghz

SMP Series Connector

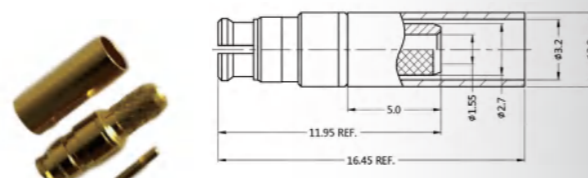
SMP Series

SMP straight male connector (PCB connector)



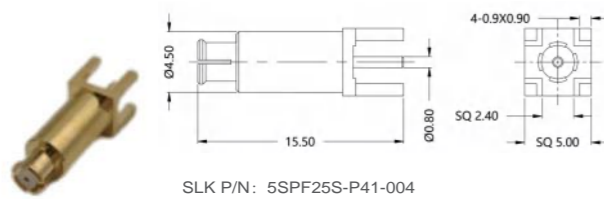
SLK P/N: 5SPM25S-P41-007
Mounting: PCB through hole
Frequency: 3 Ghz

SMP straight female connector(Flexible cable crimping type)



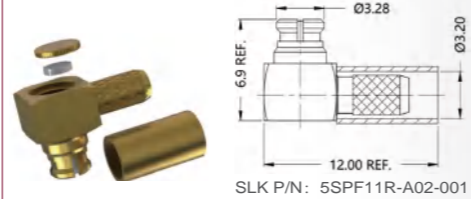
SLK P/N: 5SPF11S-A02-004
Cable : LMR-100A
Frequency: 6 Ghz

SMP straight female connector (PCB connector)



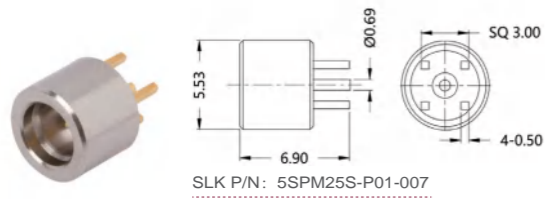
SLK P/N: 5SPF25S-P41-004
Mounting: PCB through hole
Frequency: 18 Ghz

SMP right angle female connector(Flexible cable crimping type)



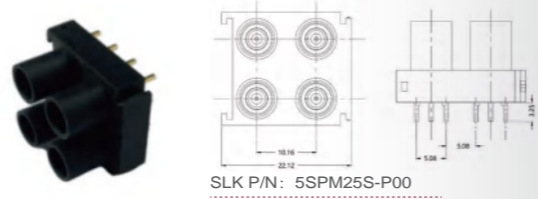
SLK P/N: 5SPF11R-A02-001
Cable : RG-316/U, RG-174/U
Frequency: 6 Ghz

SMP straight male connector (PCB connector)



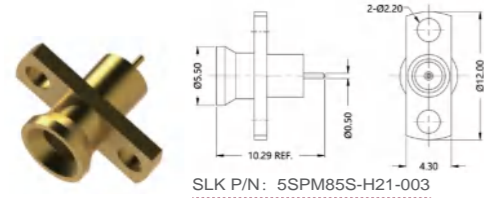
SLK P/N: 5SPM25S-P01-007
Mounting: PCB through hole
Frequency: 18 Ghz

SMP straight male connector(PCB connector)



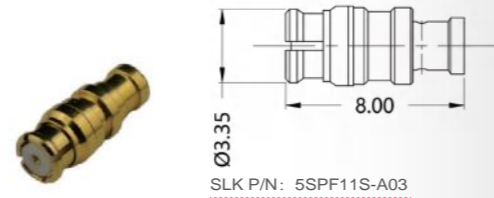
SLK P/N: 5SPM25S-P00
Mounting: PCB through hole
Frequency: 26.5 Ghz

SMP straight male connector (PCB connector)



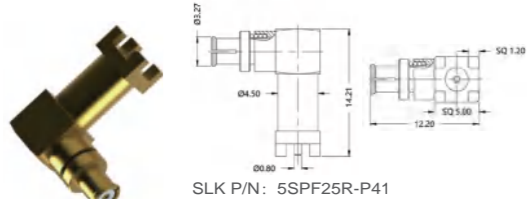
SLK P/N: 5SPM85S-H21-003
Mounting: 2 hole flange
Frequency: 12 Ghz

SMP straight female connector(Flexible cable solder type)



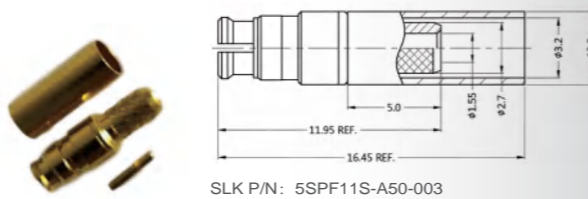
SLK P/N: 5SPF11S-A03
Cable : RG178
Frequency: 6 Ghz

SMP right angle female connector (PCB connector)



SLK P/N: 5SPF25R-P41
Mounting: PCB through hole
Frequency: 6 Ghz

SMP straight female connector(Flexible cable crimping type)

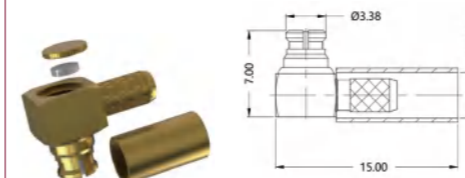


SLK P/N: 5SPF11S-A50-003
Cable : RG316D
Frequency: 6 Ghz

SMP Series Connector

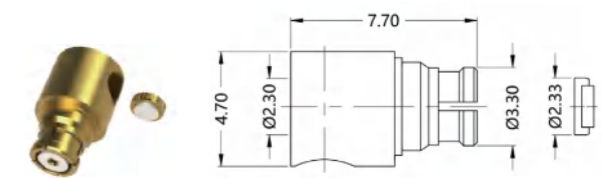
SMP Series

SMP right angle female connector(Flexible cable crimping type)



SLK P/N: 5SPF11R-A50
Cable : RG316D
Frequency: 6 Ghz

SMP right angle female connector(Flexible cable solder type)



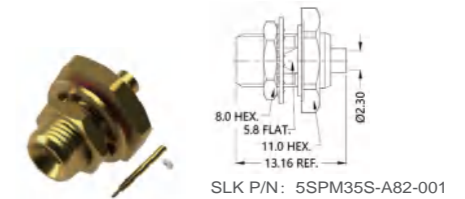
SLK P/N: 5SPF15R-A82-008
Cable : TFLEX405(0.86")
Frequency: 32 GHz

SMP straight female connector(Flexible cable solder type)



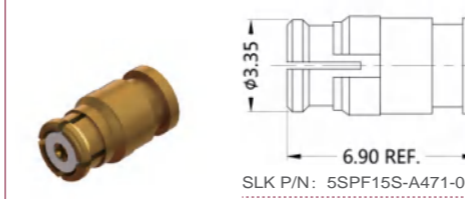
SLK P/N: 5SPF11S-A646
Cable : TBEND-250-L
Frequency: 40 Ghz

SMP straight male connector(Flexible cable solder type)



SLK P/N: 5SPM35S-A82-001
Cable : TFLEX-405(.086")
Frequency: 18 Ghz

SMP straight female connector(Semi flexible cable solder type)



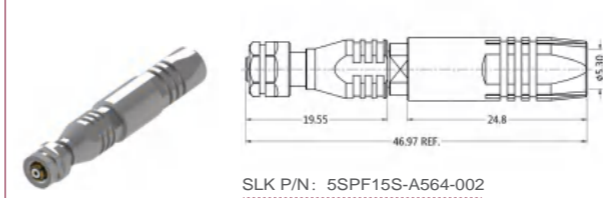
SLK P/N: 5SPF15S-A471-001
Cable : .086" CABLE
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



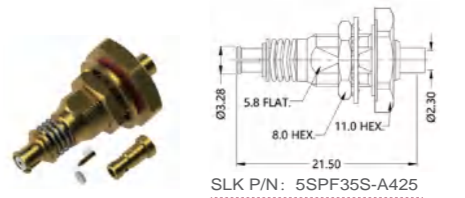
SLK P/N: 5SPF15S-A420-002
Cable : .047 CABLE
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



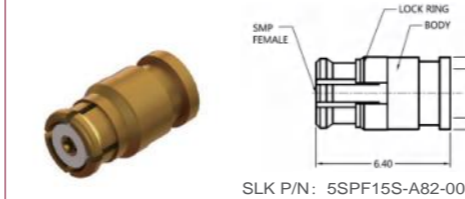
SLK P/N: 5SPF15S-A564-002
Cable : SPB-230-P
Frequency: 40 Ghz

SMP straight female connector(Flexible cable solder type)



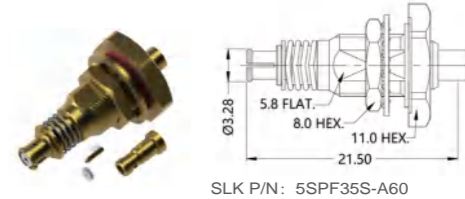
SLK P/N: 5SPF35S-A425
Cable : φ1.32 CABLE
Frequency: 18 Ghz

SMP straight female connector(Flexible cable solder type)



SLK P/N: 5SPF15S-A82-001
Cable : TFLEX-405
Frequency: 18 Ghz

SMP straight female connector(Flexible cable solder type)

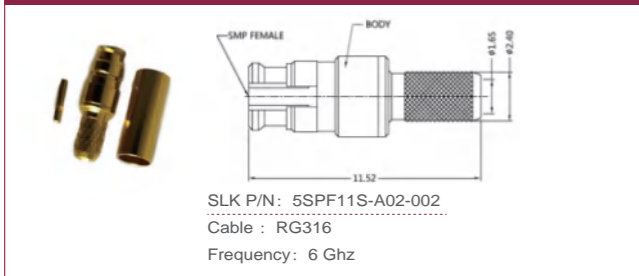


SLK P/N: 5SPF35S-A60
Cable : φ1.13 CABLE
Frequency: 18 Ghz

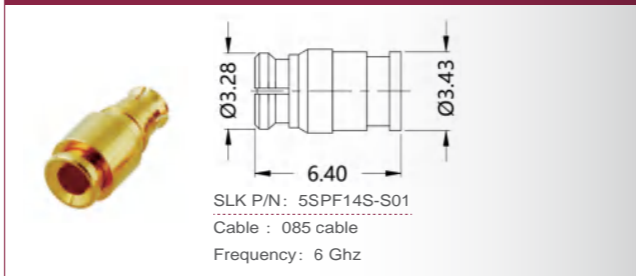
SMP Series Connector

SMP Series

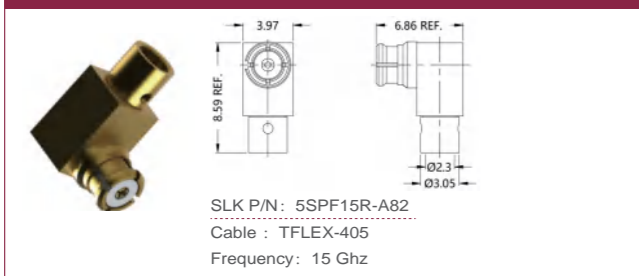
SMP straight female connector(Flexible cable crimping type)



SMP straight female connector(Semi-steel cable solder type)



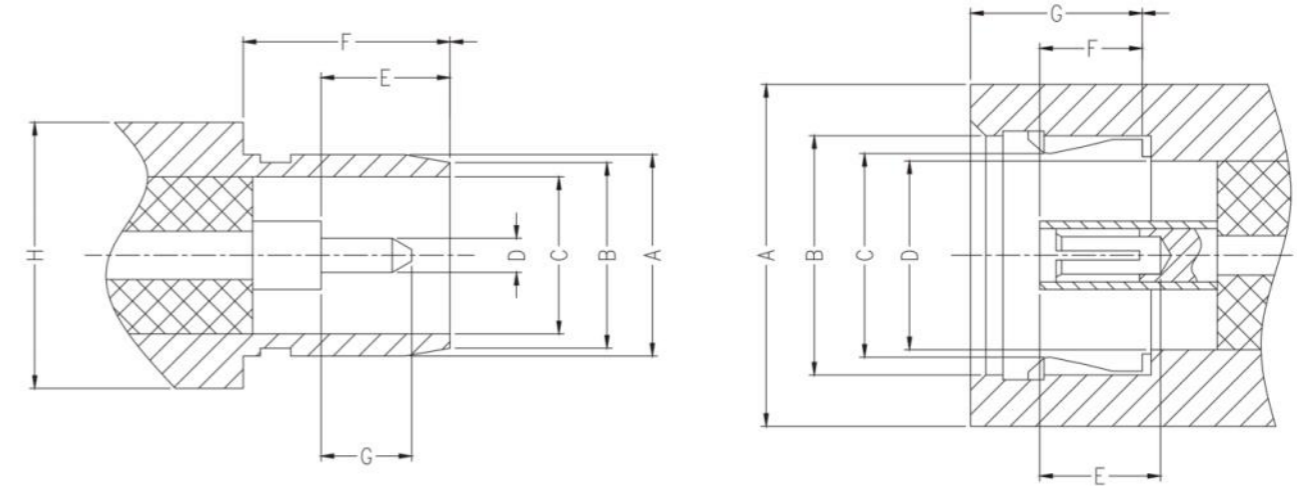
SMP right angle female connector(Flexible cable solder type)



BMA Series Connector

BMA Series

The BMA series RF coaxial connector is a new type of push-in blind-mate RF connector. The interface interface adopts air interface, and the operating frequency reaches 22 GHz. It has the characteristics of small size, reliable contact, superior mechanical and electrical performance, and convenient docking. It is mainly used in modular blind mating systems such as radar chassis and cabinets, as well as other microwave circuit connections



Male

Label	Minimum	Max
A	5.30	5.35
B	4.88(regular value)	
C	4.88(regular value)	
D	0.90	0.94
E	3.25	-
F	5.03	-
G	2.29(regular value)	
H	7.62(regular value)	

Female

Label	Minimum	Max
A	7.37	-
B	5.71	-
C	-	5.08
D	4.88(regular value)	
E	2.92	-
F	3.05	3.22
G	-	4.95

Note: unit mm
Reference standard: MIL-STD-348A(IEC 61169-33)

BMA Series Connector

BMA Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-18 GHz
Operating Voltage	335 V(RMS)
Medium pressure	1000 V(RMS)
Conductor resistance	Inner conductor: ≤ 3.0 m Ω (initial value)
	Outer conductor: ≤ 2.0 m Ω (initial value)
Insulation resistance	≥ 5000 m Ω
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

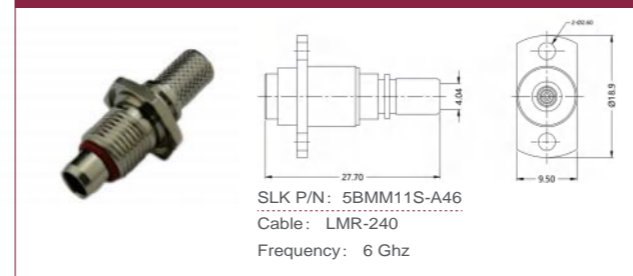
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass, beryllium copper	Gold plated, nickel plated, ternary alloy plated
Inner conductor	Male head: brass	Gold-plated, silver-plated
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	≤ 3 lbs
Male and female pullout force	≥ 3 ounces
Center pin insertion force	≤ 2 lbs
Center pin pullout force	≥ 1 ounce
Center pin retention	≥ 6 lbs
Durability	500 times

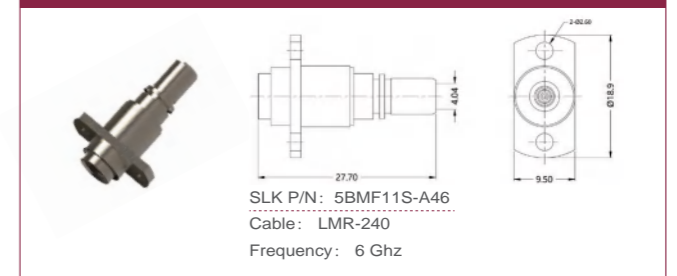
BMA Series Connector

BMA Series

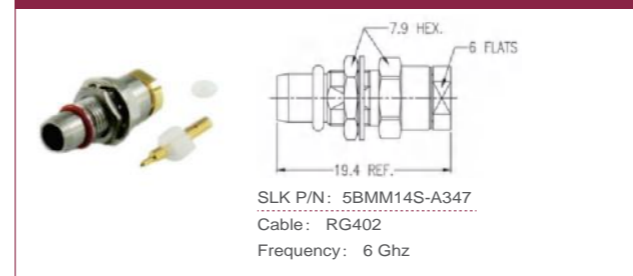
BMA straight male connector(Flexible cable crimping type)



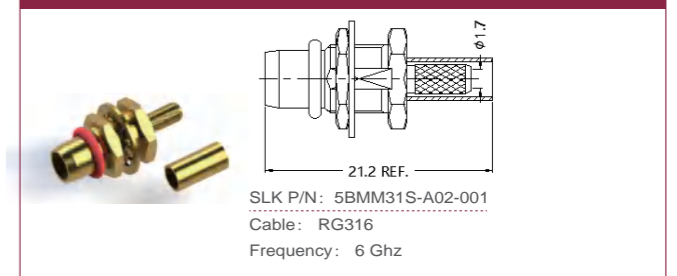
BMA straight female connector(Flexible cable crimping type)



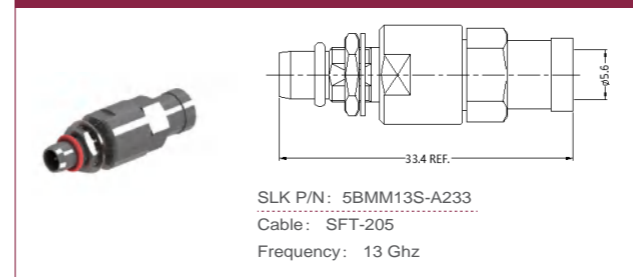
BMA straight male connector(Flexible cable solder type)



BMA straight male connector(Flexible cable crimping type)



BMA straight male connector(Flexible cable solder type)



BMA straight male connector(Flexible cable crimping type)



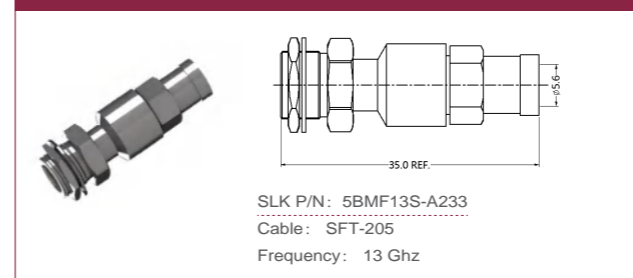
BMA straight female connector(Flexible cable solder type)



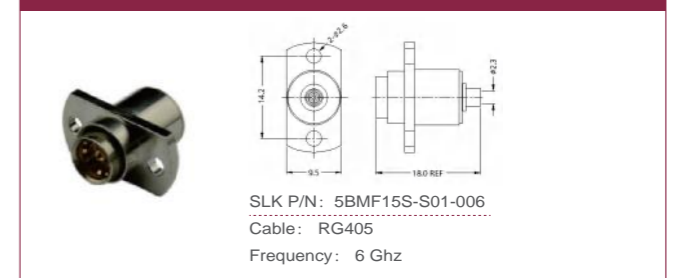
BMA straight female connector(Flexible cable crimping type)



BMA straight female connector(Flexible cable solder type)



BMA straight female connector(Flexible cable solder type)



BMA Series Connector

BMA Series

BMA straight female connector(Flexible cable solder type)

SLK P/N: 5BMF15S-S02-007
Cable : RG402
Frequency: 6 Ghz

BMA straight female connector(Flexible cable crimping type)

SLK P/N: 5BMF11R-A46-001
Cable : LMR-240
Frequency: 6 Ghz

BMA straight male connector(Flexible cable solder type)

SLK P/N: 5BMM35S-A120
Cable : SFT-316
Frequency: 18 Ghz

BMA right angle male connector

SLK P/N: 5BMM00R-P41
Mounting: PCB end-launch
Frequency: 6 Ghz

BMA right angle female connector(Flexible cable solder type)

SLK P/N: 5BMF15R-A82
Cable : TFLEX-405
Frequency: 12 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM25S-P01-013
Mounting: PCB through hole
Frequency: 3 Ghz

BMA right angle female connector(Flexible cable crimping type)

SLK P/N: 5BMF15R-S01
Cable : RG405
Frequency: 6 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM25S-P01-014
Mounting: PCB through hole
Frequency: 3 Ghz

BMA right angle female connector(Flexible cable crimping type)

SLK P/N: 5BMF11R-A45
Cable : LMR-195
Frequency: 6 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM25S-P41-012
Mounting: PCB through hole
Frequency: 3 Ghz

BMA Series Connector

BMA Series

BMA straight male connector (PCB connector)

SLK P/N: 5BMM25S-P01-010
Mounting: PCB through hole
Frequency: 18 Ghz

BMA straight female connector (PCB connector)

SLK P/N: 5BMF25S-P01-002
Mounting: 4 hole flange
Frequency: 12 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM25S-P41-001
Mounting: PCB through hole
Frequency: 3 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM20S-T00
Mounting: 2 hole flange
Frequency: 18 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM50S-P01-001
Mounting: 4 hole flange
Frequency: 6 Ghz

BMA straight female connector (PCB connector)

SLK P/N: 5BMF85S-H41-001
Mounting: 4 hole flange
Frequency: 12 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM54S-P01-001
Mounting: 2 hole flange
Frequency: 6 Ghz

BMA straight female connector (PCB connector)

SLK P/N: 5BMF11R-A46-002
Cable : LMR-240
Frequency: 6 Ghz

BMA straight male connector (PCB connector)

SLK P/N: 5BMM54S-P01-002
Mounting: 2 hole flange
Frequency: 3 Ghz

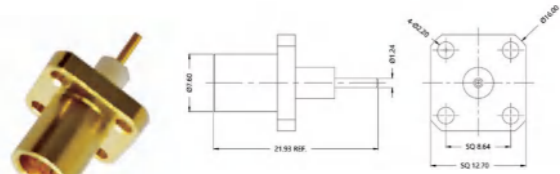
BMA straight female connector (PCB connector)

SLK P/N: 5BMF25S-P01-003
Mounting: 4 hole flange
Frequency: 6 Ghz

BMA Series Connector

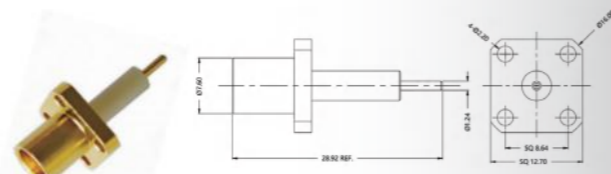
BMA Series

BMA straight female connector (PCB connector)



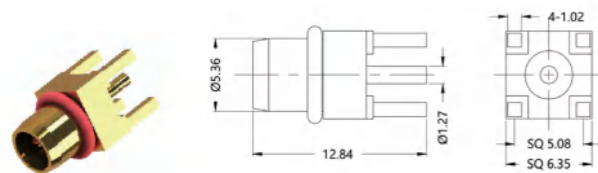
SLK P/N: 5BMF25S-P01-005
Mounting: 4 hole flange
Frequency: 12 Ghz

BMA straight female connector (PCB connector)



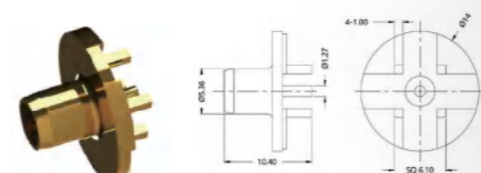
SLK P/N: 5BMF85S-H41
Mounting: 4 hole flange
Frequency: 12 Ghz

BMA straight male connector (PCB connector)



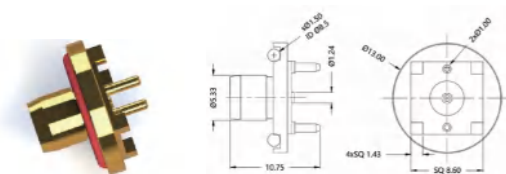
SLK P/N: 5BMM04S-P01
Mounting: PCB through hole
Frequency: 3 Ghz

BMA straight male connector (PCB connector)



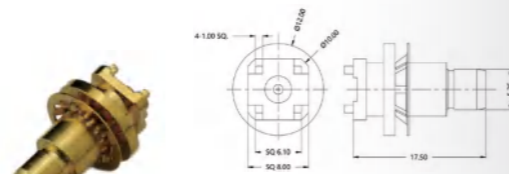
SLK P/N: 5BMM25S-P01
Mounting: PCB through hole
Frequency: 20 Ghz

BMA straight male connector (PCB connector)



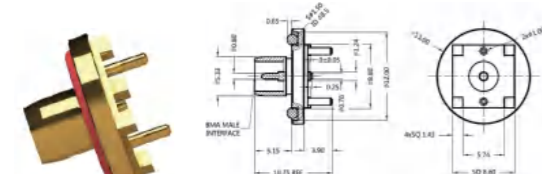
SLK P/N: 5BMM25S-P41-005
Mounting: PCB through hole
Frequency: 12 Ghz

BMA straight male connector (PCB connector)



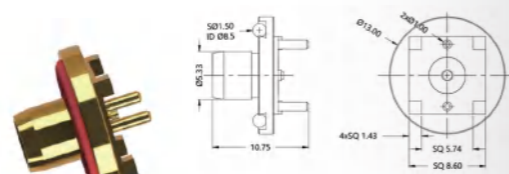
SLK P/N: 5BMM25S-P41-006
Mounting: PCB through hole
Frequency: 3 Ghz

BMA straight male connector (PCB connector)



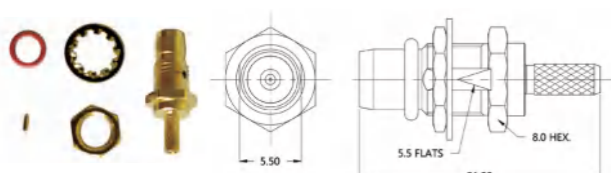
SLK P/N: 5BMM25S-P41-010
Mounting: PCB through hole
Frequency: 12 Ghz

BMA straight male connector (PCB connector)



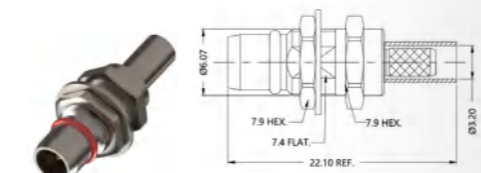
SLK P/N: 5BMM25S-P41-011
Mounting: PCB through hole
Frequency: 12 Ghz

BMA straight male connector



SLK P/N: 5BMM35S-A00
Frequency: 3 Ghz

BMA straight male connector (Flexible cable crimping type)

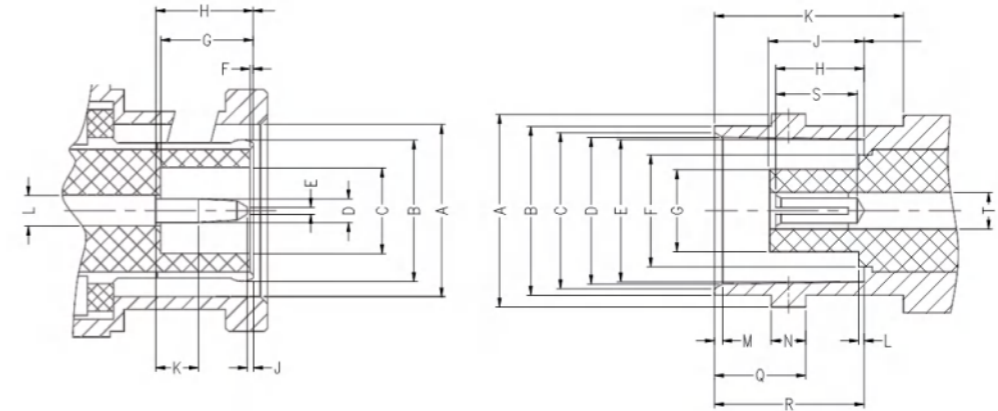


SLK P/N: 5BMM11S-A02-003
Cable: RG-174
Frequency: 13 Ghz

BNC Series Connector

BNC Series

BNC series RF coaxial connector is a kind of lock connector based on the US military standard MIL-C-39012. It has the characteristics of fast connection and reliable contact. It is widely used in radio equipment, television broadcast transmission and electronic instruments.



Male

Label	Minimum	Max
A	9.78	9.91
B	Note 1	
C	4.83	-
D	1.32	1.37
E	0.00	0.64
F	0.15	-
G	5.28	5.79
H	5.33	5.48
J	0.08	-
K	1.98	-
L	2.06	2.21
M	-	-
N	-	-
Q	-	-
R	-	-
S	-	-
T	-	-

Female

Label	Minimum	Max
A	10.97	11.07
B	9.60	9.70
C	8.79	9.04
D	8.31	8.46
E	8.10	8.15
F	-	6.50
G	-	4.72
H	4.72	5.23
J	4.78	5.28
K	10.52	-
L	-	0.15
M	0.38	0.76
N	1.91	2.06
Q	5.18	5.28
R	8.31	8.51
S	4.95	-
T	2.06	2.21

Note: unit mm

1.. The size matching the female head meets the corresponding mechanical and electrical properties.

Reference standard: MIL-C-39012(GJB6B1A,IEC60169-8)

BNC Series Connector

BNC Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-4 GHz
Operating Voltage	500 V(RMS)
Medium pressure	1500 V(RMS)
Conductor resistance	Inner conductor: ≤ 1.5 m Ω (initial value)
	Outer conductor: ≤ 0.2 m Ω (initial value)
Insulation resistance	≥ 5000 m Ω
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

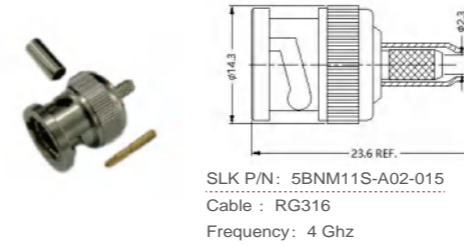
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Stainless steel, brass	Nickel-plated, passivated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Shell pull	≥ 100 lbs
Center pin insertion force	≤ 2 lbs
Center pin pull-out force	≥ 2 ounces
Center pin retention	≥ 6 lbs
Durability	500 times

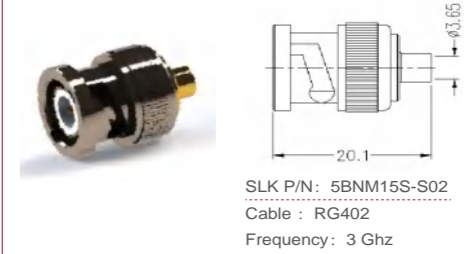
BNC Series Connector

BNC Series

BNC straight male connector(Flexible cable crimping type)



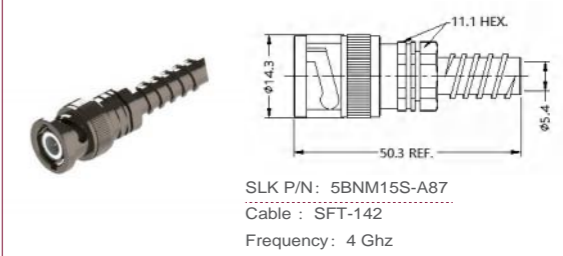
BNC straight male connector(Flexible cable solder type)



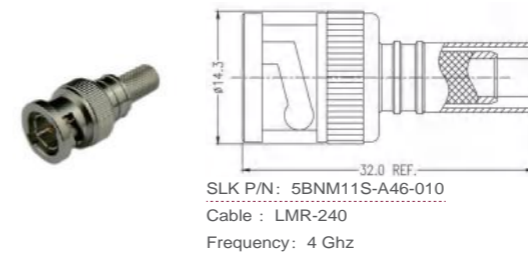
BNC straight male connector(Flexible cable crimping type)



BNC straight male connector(Flexible cable jacket solder type)



BNC straight male connector(Flexible cable crimping type)



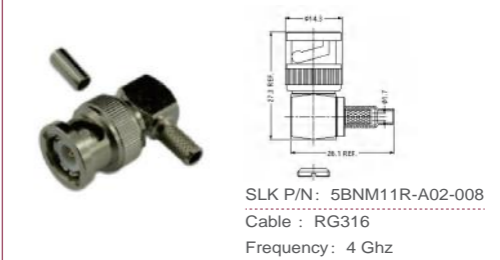
BNC straight male connector(Flexible cable solder type)



BNC straight male connector(Flexible cable solder type)



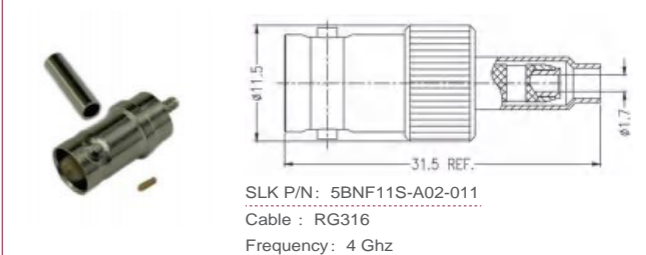
BNC right angle male connector(Flexible cable crimping type)



BNC straight male connector(Flexible cable solder type)



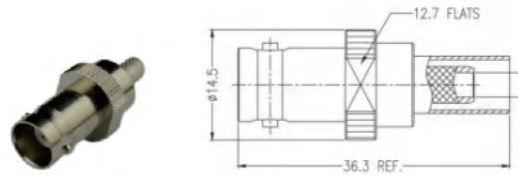
BNC straight female connector(Flexible cable crimping type)



BNC Series Connector

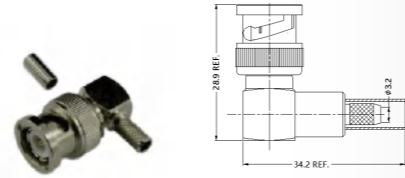
BNC Series

BNC straight female connector(Flexible cable crimping type)



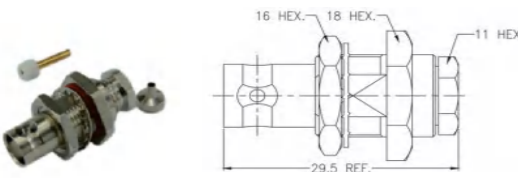
SLK P/N: 5BNF11S-A41-005
Cable : RG58/LMR-195
Frequency: 3 GHz

BNC right angle male connector(Flexible cable crimping type)



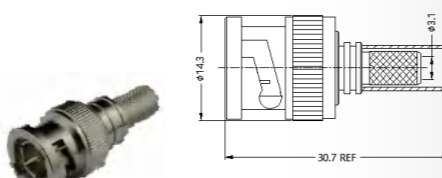
SLK P/N: 5BNM11R-A41-011
Cable : RG58
Frequency: 4 Ghz

BNC right angle female connector(Flexible cable solder type)



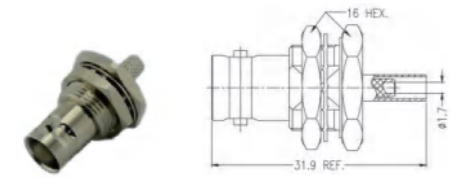
SLK P/N: 5BNF15S-A02
Cable : RG316
Frequency: 3 Ghz

BNC straight male connector(Flexible cable crimping type)



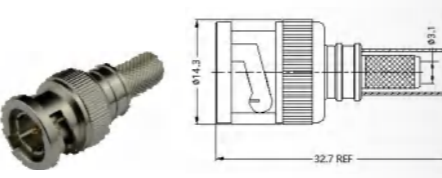
SLK P/N: 5BNM11S-A41-027
Cable : RG58
Frequency: 3.0Ghz

BNC straight female connector(Flexible cable crimping type)



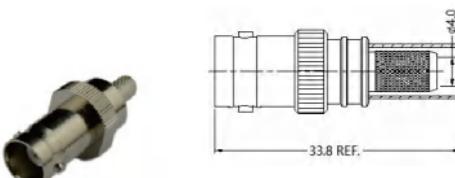
SLK P/N: 5BNF35S-A02-005
Cable : RG316
Frequency: 3 Ghz

BNC straight male connector(Flexible cable crimping type)



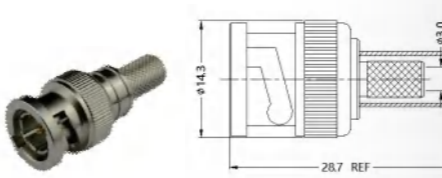
SLK P/N: 5BNM11S-A200-001
Cable : TCOM-200
Frequency: 4.0Ghz

BNC straight female connector(Flexible cable crimping type)



SLK P/N: 5BNF31S-A46
Cable : LMR-240
Frequency: 4 Ghz

BNC straight male connector(Flexible cable crimping type)



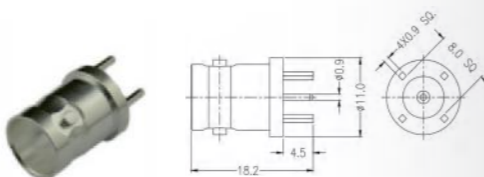
SLK P/N: 5BNM11S-A09-004
Cable : RG223
Frequency: 4 Ghz

BNC right angle female connector(Flexible cable crimping type)



SLK P/N: 5BNM11R-A11-001
Cable : LMR-400
Frequency: 3 Ghz

BNC straight female connector (PCB connector)

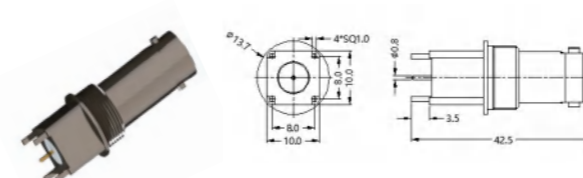


SLK P/N: 5BNF05S-P10
Mounting: PCB through hole
Frequency: 3 Ghz

BNC Series Connector

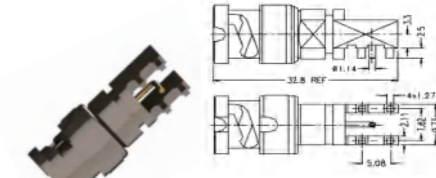
BNC Series

BNC straight female connector (PCB connector)



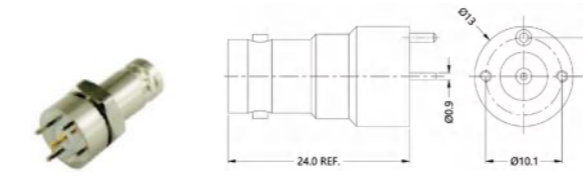
SLK P/N: 5BNF25S-P41-003
Mounting: PCB through hole
Frequency: 3 Ghz

BNC right angle male connector (PCB connector)



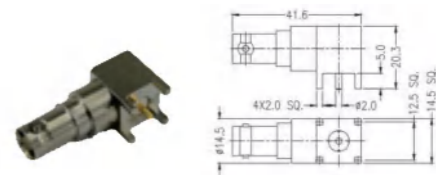
SLK P/N: 5BNM25R-P41
Mounting: PCB through hole
Frequency: 4 Ghz

BNC straight female connector (PCB connector)



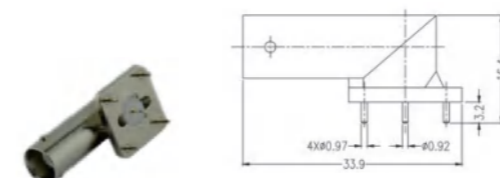
SLK P/N: 5BNF25S-P00-004
Mounting: PCB through hole
Frequency: 3 Ghz

BNC right angle female connector (PCB connector)



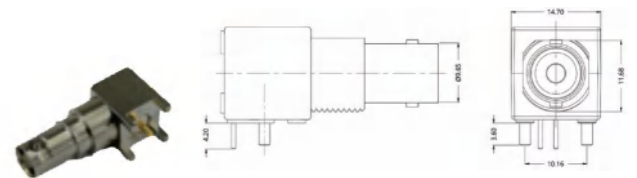
SLK P/N: 5BNF25R-P00-004
Mounting: PCB through hole
Frequency: 3 Ghz

BNC right angle female connector (PCB connector)



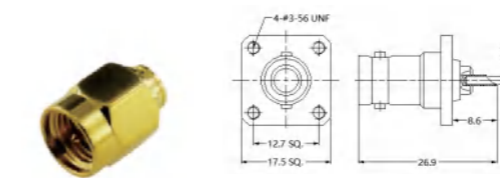
SLK P/N: 5BNF25R-P00-001
Mounting: PCB through hole
Frequency: 3 Ghz

BNC right angle female connector (PCB connector)



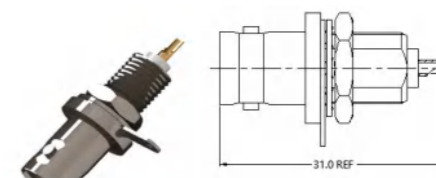
SLK P/N: 5BNF25R-P42
Mounting: PCB through hole
Frequency: 1 Ghz

BNC straight female connector (PCB connector)



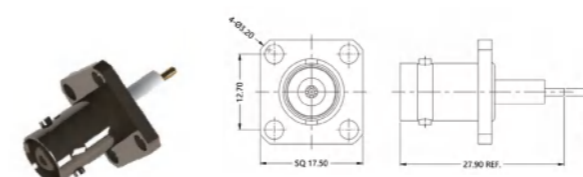
SLK P/N: 5BNF85S-A00-002
Mounting: 4 hole flange
Frequency: 4 Ghz

BNC straight female connector (PCB connector)



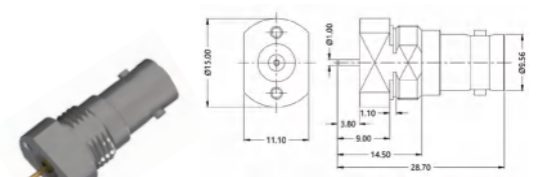
SLK P/N: 5BNF11S-P01
Mounting: Bulkhead solder
Frequency: 4 Ghz

BNC straight female connector (PCB connector)



SLK P/N: 5BNF45S-P02
Mounting: 4 hole flange
Frequency: 6 Ghz

BNC straight female connector (PCB connector)



SLK P/N: 5BNF25S-P01-022
Mounting: Bulkhead solder
Frequency: 4 Ghz

BNC Series Connector

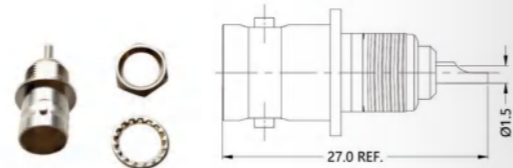
BNC Series

BNC straight female connector (PCB connector)



SLK P/N: 5BNF05S-P10-002
Mounting: PCB through hole
Frequency: 3 Ghz

BNC straight female connector(Bulkhead solder type)



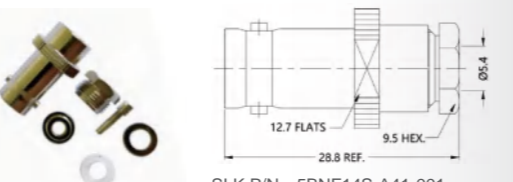
SLK P/N: 5BNF11S-A00-004
Cable : RG316
Frequency: 3 Ghz

BNC straight female connector



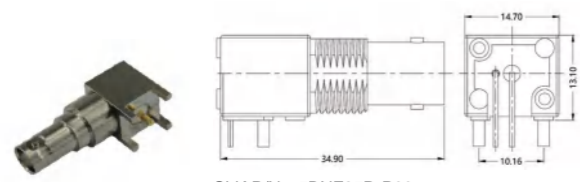
SLK P/N: 5BNF25S-P01-022
Mounting: Bulkhead solder
Frequency: 4 Ghz

BNC straight female connector(Flexible cable screw type)



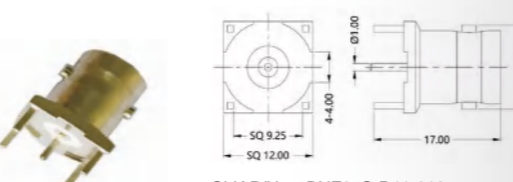
SLK P/N: 5BNF14S-A41-001
Cable : RG58
Frequency: 4 Ghz

BNC right angle female connector(PCB connector)



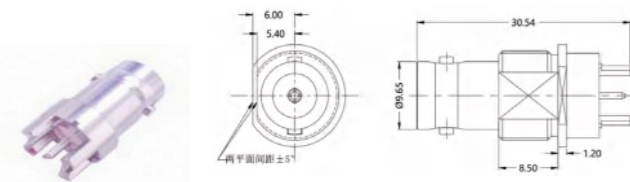
SLK P/N: 5BNF25R-P00
Mounting: PCB through hole
Frequency: 4 Ghz

BNC straight female connector(PCB connector)



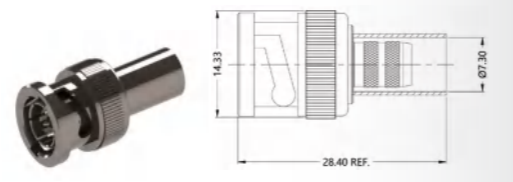
SLK P/N: 5BNF25S-P41-016
Mounting: PCB through hole
Frequency: 4 Ghz

BNC straight female connector(PCB connector)



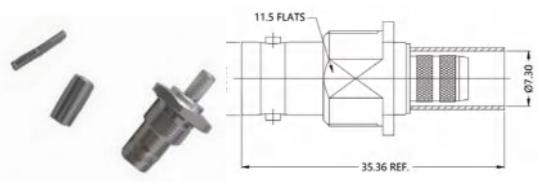
SLK P/N: 7BNF25S-P41-008
Mounting: PCB through hole
Frequency: 12 Ghz

BNC straight male connector(Flexible cable crimping type)



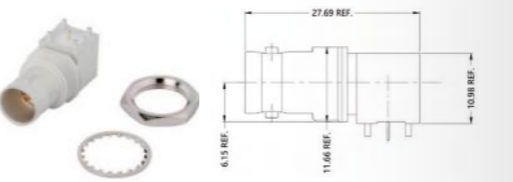
SLK P/N: 7BNM11S-A519-004
Cable : 1694A
Frequency: 12 Ghz

BNC straight female connector (Flexible cable crimping type)



SLK P/N: 7BNF11S-A519
Cable : 1694A
Frequency: 12 Ghz

BNC right angle female connector

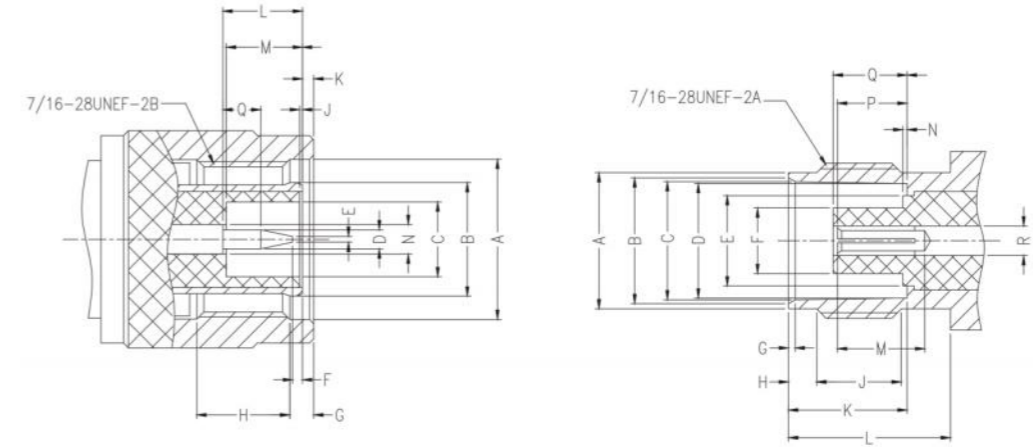


SLK P/N: 7BNF25R-P41-005
Mounting: PCB through hole
Frequency: 12 Ghz

TNC Series Connector

TNC Series

TNC series RF coaxial connectors are small and medium-power RF connectors with threaded connection structure. It has the characteristics of strong shock resistance, high reliability, and excellent mechanical and electrical performance.



Male

Label	Minimum	Max
A	11.18	-
B		4.59
C	4.83	3.43
D	1.32	0.25
E	-	2.54
F	0.08	0.25
G	1.60	0.94
H	3.69	0.38
J	0.15	1.30
K	-	1.14
L	5.33	-
M	5.28	-
N	2.06	-
Q	1.98	

Female

Label	Minimum	Max
A	9.60	9.68
B	8.79	9.04
C	8.31	8.46
D	8.10	8.15
E	-	6.50
F	-	4.72
G	0.38	0.76
H	1.73	2.24
J	4.75	-
K	8.31	8.51
L	10.52	-
M	4.95	-
N	-	0.15
P	4.72	5.23
Q	4.78	5.28
R	2.06	2.21

Note: unit mm

1. The size matching the female head meets the corresponding mechanical and electrical properties.

Reference standard: MIL-C-39012(GJB681A,IEC6016-9)

TNC Series Connector

TNC Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-18 GHz
Operating Voltage	500 V(RMS)
Medium pressure	1500 V(RMS)
Conductor resistance	Inner conductor: $\leq 1.5 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.2 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

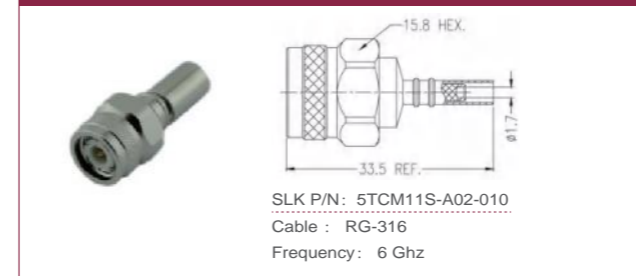
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass	Nickel-plated、 Ternary plated alloy
Inner conductor	Male head: brass	Gold-plated、 Silver-plated
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread torque	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 2 \text{ lbs}$
Center pin pullout force	$\geq 2 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

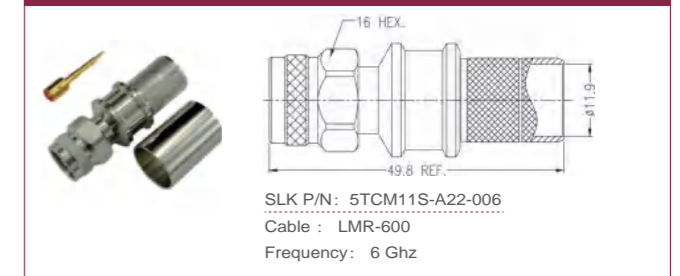
TNC Series Connector

TNC Series

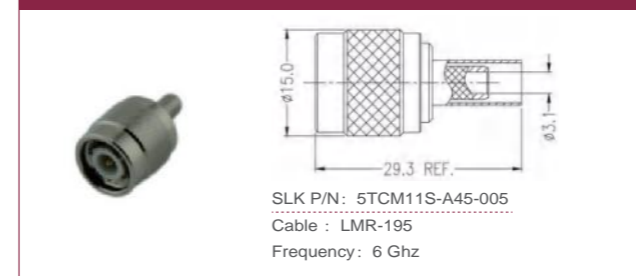
TNC straight male connector (Flexible cable crimping type)



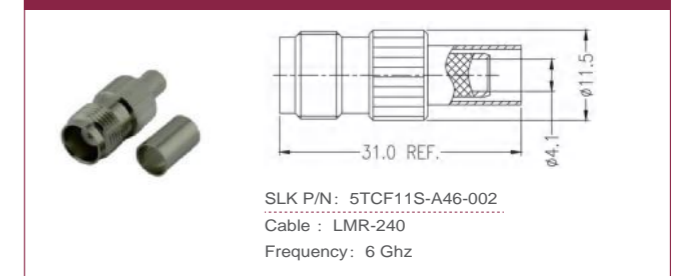
TNC straight male connector (Flexible cable crimping type)



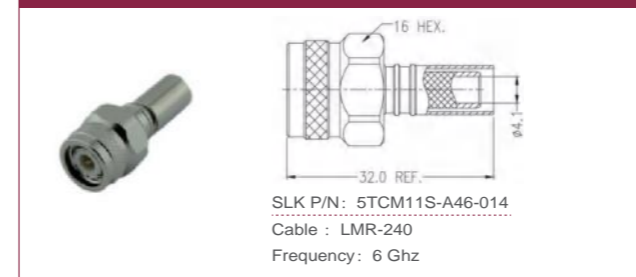
TNC straight male connector (Flexible cable crimping type)



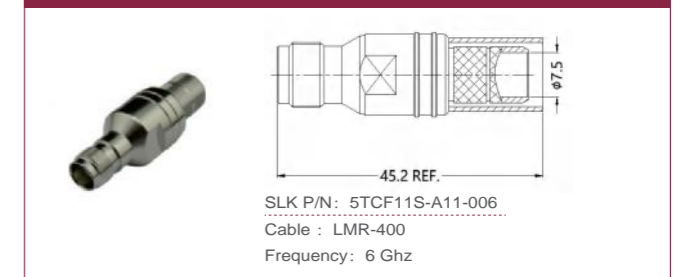
TNC straight female connector (Flexible cable crimping type)



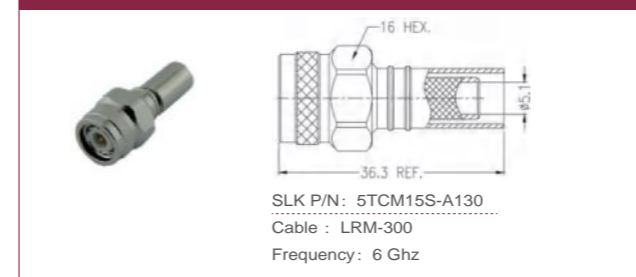
TNC straight male connector (Flexible cable crimping type)



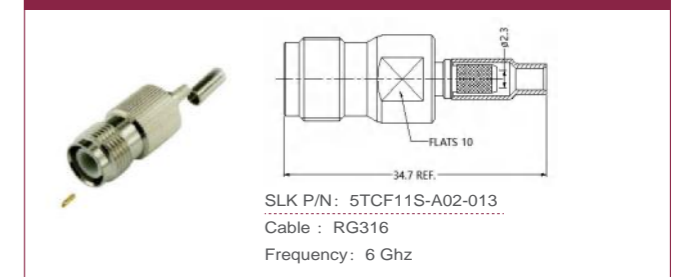
TNC straight male connector (Flexible cable crimping type)



TNC straight male connector (Flexible cable crimping type)



TNC straight female connector (Flexible cable crimping type)



TNC straight female connector (Flexible cable crimping type)



TNC right angle male connector (Flexible cable crimping type)



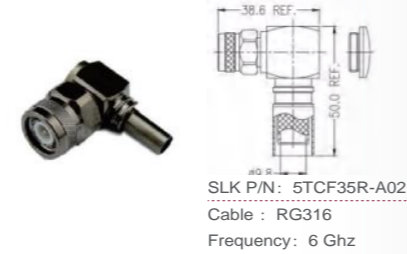
TNC Series Connector

TNC Series

TNC right angle male connector (Flexible cable crimping type)



TNC right angle female connector (Flexible cable crimping type)



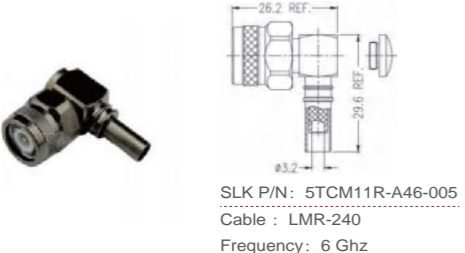
TNC right angle male connector (Flexible cable crimping type)



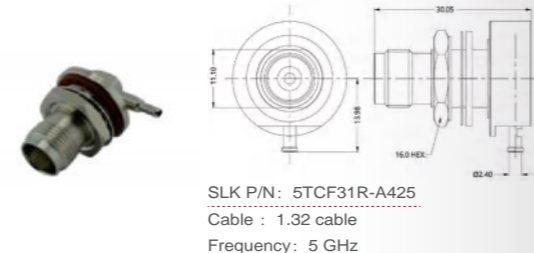
TNC right angle female connector (Flexible cable crimping type)



TNC right angle male connector (Flexible cable crimping type)



TNC right angle female connector (Flexible cable crimping type)



TNC right angle male connector (Flexible cable crimping type)



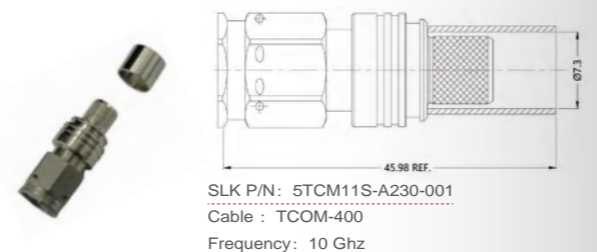
TNC straight female connector(PCB connector)



TNC straight male connector (Flexible cable crimping type)



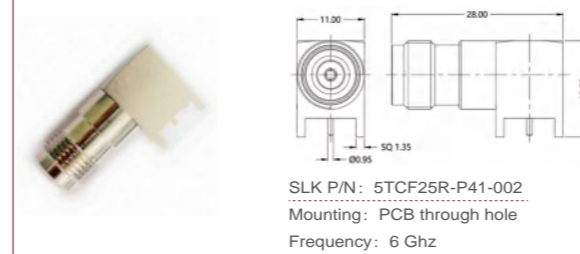
TNC straight male connector (Flexible cable crimping type)



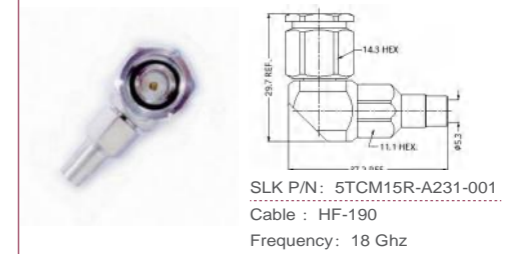
TNC Series Connector

TNC Series

TNC right angle female connector(PCB connector)



TNC right angle male connector (Flexible cable solder type)



TNC straight male connector(Flexible cable solder type)



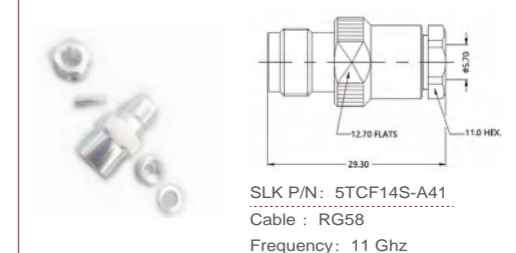
TNC straight male connector(Flexible cable solder type)



TNC straight female connector(Flexible cable solder type)



TNC straight female connector(Flexible cable solder type)



TNC straight male connector(Flexible cable solder type)



TNC right angle male connector(Flexible cable solder type)



TNC straight female connector(Flexible cable solder type)



TNC right angle male connector(Flexible cable solder type)



TNC Series Connector

TNC Series

TNC straight female connector(Flexible cable solder type)

SLK P/N: 5TCF15S-A81-001
Cable : 141/TFLEX 402
Frequency: 6 GHz

TNC straight female connector(Flexible cable solder type)

SLK P/N: 5TCF15S-A81-002
Cable : 141/TFLEX 402
Frequency: 6 GHz

TNC right anglestraight female connector(PCB connector)

SLK P/N: 5TCF21S-P04-001
Mounting: PCB end-launch
Frequency: 11 Ghz

TNC right angle female connector(Flexible cable solder type)

SLK P/N: 5TCF31R-A02
Cable : RG316
Frequency: 6 Ghz

TNC right angle female connector(Flexible cable solder type)

SLK P/N: 5TCF31R-A02-001
Cable : RG316
Frequency: 6 Ghz

TNC right anglestraight female connector(PCB connector)

SLK P/N: 5TCF85S-H41-002
Mounting: 4 hole flange
Frequency: 6 Ghz

TNC with the chain male dust cap

SLK P/N: 5TCM00S-T00-002

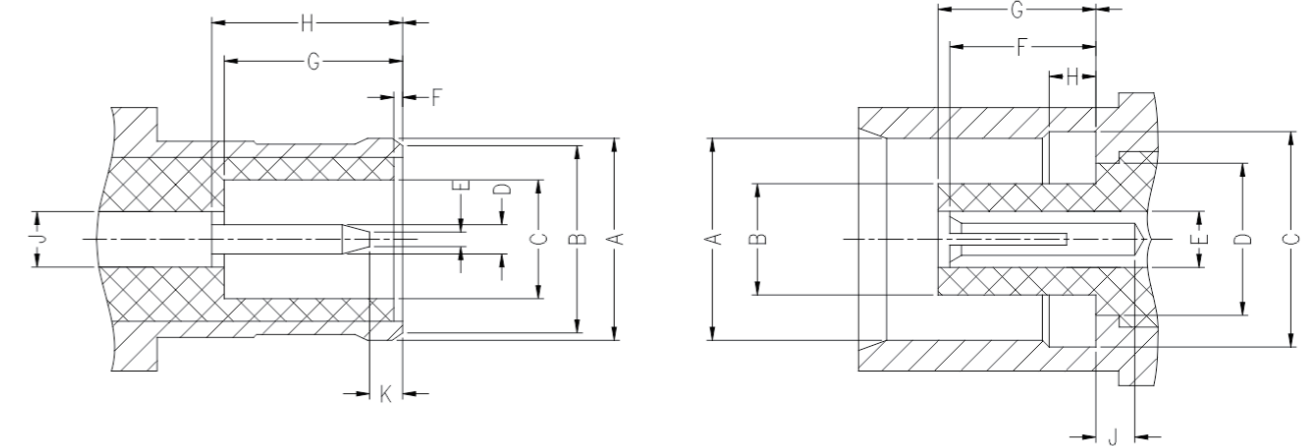
TNC straight female connector(Flexible cable crimping type)

SLK P/N: 5TCM11S-A02-008
Cable : RG316
Frequency: 6 Ghz

MCX Series Connector

MCX Series

MCX series RF coaxial connector is a small plug-in connector with a frequency up to 6GHz. Its advantages such as small size, light weight, superior performance and high reliability are widely used in cellular phones, information system equipment, etc.



Male

Label	Minimum	Max
A	Note 1	
B	-	3.60
C	2.00	-
D	0.48	0.53
E	-	0.25
F	0.00	0.30
G	2.80	-
H	2.80	3.20
J		
K	0.15	-

Female

Label	Minimum	Max
A	3.42	3.38
B	-	1.98
C	3.60	3.75
D	-	3.00
E	0.95 (normal value)	
F	2.30	2.80
G	2.60	2.80
H	0.75	0.85
J	0.00	-

Note: unit mm

1. The size matching the female head meets the corresponding mechanical and electrical properties.

Reference standard: IEC61169-36

MCX Series Connector

MCX Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-6 GHz
Operating Voltage	250 V(RMS)
Medium pressure	750 V(RMS)
Conductor resistance	Inner conductor: $\leq 5.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 2.5 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 1000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.30 (typical value)

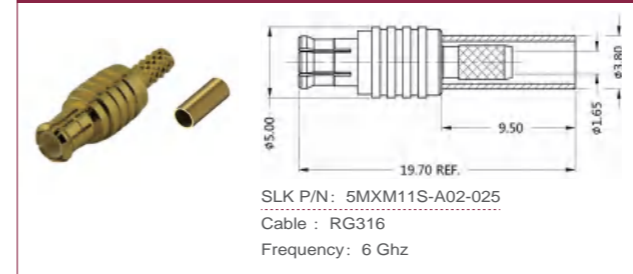
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass, beryllium copper, phosphor bronze	GoldNickel-platedNickel-plate, Ternary plated alloy
Inner conductor	Male head: brass,	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	$\leq 14 \text{ lbs}$
Male and female pullout force	1.8 lbs - 4.5 lbs
Center pin insertion force	$\leq 2.5 \text{ lbs}$
Center pin insertion force	$\geq 1 \text{ ounce}$
Center pin retention	$\geq 2.25 \text{ lbs}$
Durability	500 times

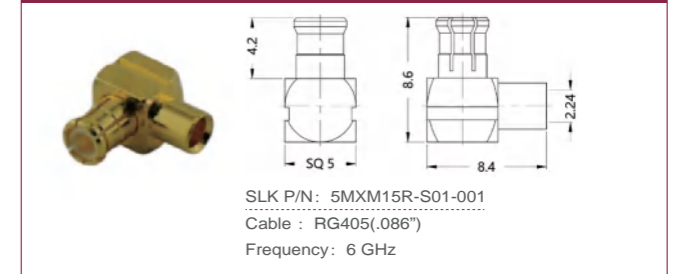
MCX Series Connector

MCX Series

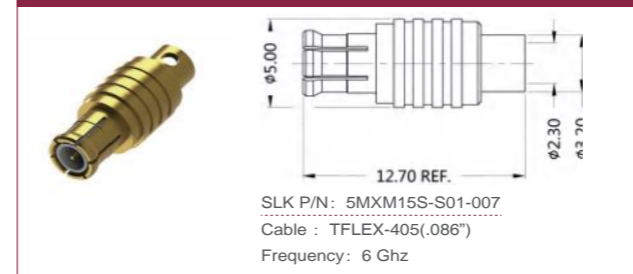
MCX straight male connector(Flexible cable crimping type)



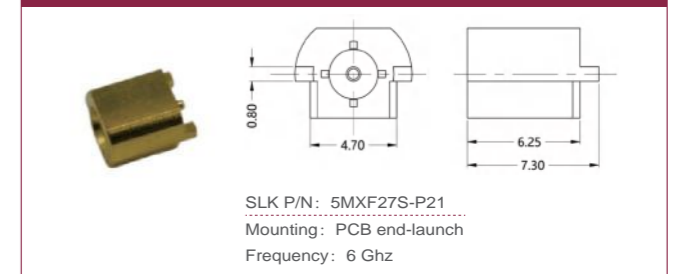
MCX right angle male connector (Flexible cable solder type)



MCX straight male connector(Semi-flexible cable crimping type)



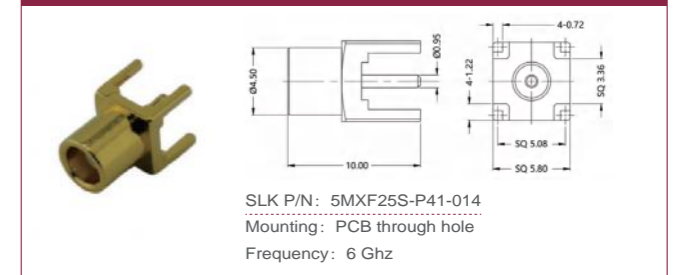
MCX straight female connector (PCB connector)



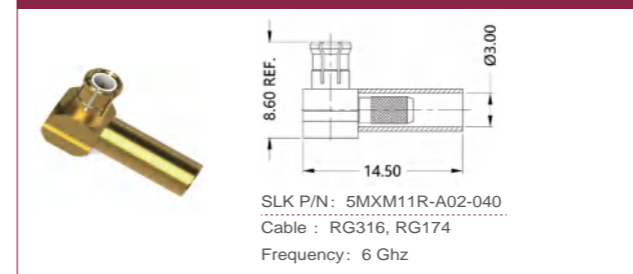
MCX right angle male connector (Flexible cable crimping type)



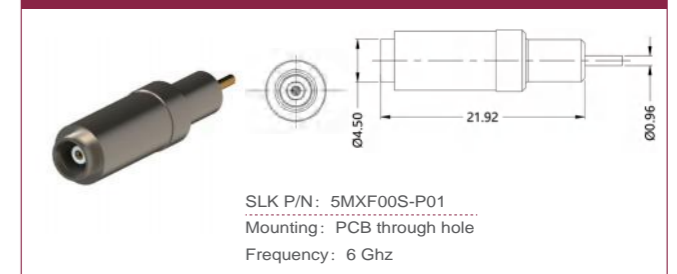
MCX straight female connector (PCB connector)



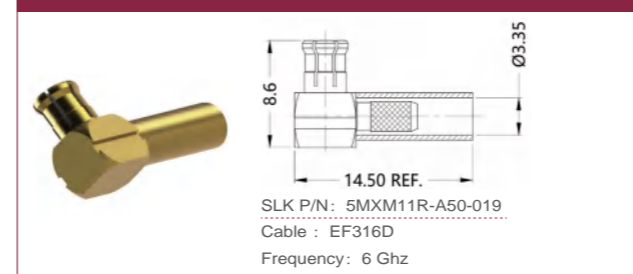
MCX right angle male connector (Flexible cable crimping type)



MCX straight female connector (PCB connector)



MCX right angle male connector (Flexible cable crimping type)



MCX right angle female connector (Flexible cable crimping type)



MCX Series Connector

MCX Series

MCX straight male connector(Flexible cable solder type)

SLK P/N: 5MXF15S-A03
Cable : RG178
Frequency: 100 MHZ

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A268-001
Cable : LMR-100A
Frequency: 6 Ghz

MCX straight female connector (PCB connector)

SLK P/N: 5MXF24S-P10
Mounting: PCB through hole
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A425-002
Cable : OD1.32
Frequency: 3 Ghz

MCX straight female connector (PCB connector)

SLK P/N: 5MXF27S-P41-006
Mounting: PCB end-launch
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A72
Cable : Φ 1.37 CABLE
Frequency: 6 Ghz

MCX right angle female connector (PCB connector)

SLK P/N: 5MXF27R-P41
Mounting: PCB end-launch
Frequency: 6 Ghz

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM11S-A03-005
Cable : RG178/U, RG196/U
Frequency: 6 Ghz

MCX right angle female connector (PCB connector)

SLK P/N: 5MXF25R-P41-003
Mounting: PCB through hole
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM15R-A231
Cable : HF190
Frequency: 3 Ghz

MCX Series Connector

MCX Series

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM15S-A03
Cable : RG178
Frequency: 100 MHZ

MCX straight male connector(Semi-flexible cable solder type)

SLK P/N: 5MXM15R-S01-022
Cable : 086" cable
Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MXM11R-A02-020
Cable : RG316
Frequency: 6 Ghz

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM11S-A50-004
Cable : RG316D
Frequency: 6 Ghz

MCX straight female connector(Flexible cable solder type)

SLK P/N: 5MXF11S-A50-003
Cable : RG316D
Frequency: 3 Ghz

MCX right angle male connector(Flexible cable solder type)

SLK P/N: 5MXM15R-A72
Cable : OD1.37
Frequency: 3 Ghz

MCX straight male connector(Flexible cable solder crimping type)

SLK P/N: 5MXF15S-A72-001
Cable : OD1.37
Frequency: 3 Ghz

MCX straight male connector(Flexible cable solder type)

SLK P/N: 5MXM15S-A82-001
Cable : Nband-260
Frequency: 6 Ghz

MCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MXM11S-A03-008
Cable : RG178B/U, RG196A/U
Frequency: 6 Ghz

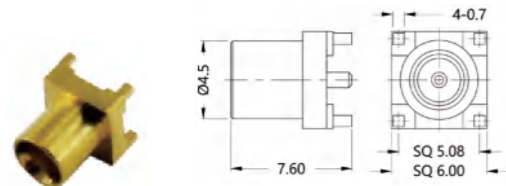
MCX straight male connector (PCB connector)

SLK P/N: 5MXM28S-P41
Mounting: PCB through hole
Frequency: 6 Ghz

MCX Series Connector

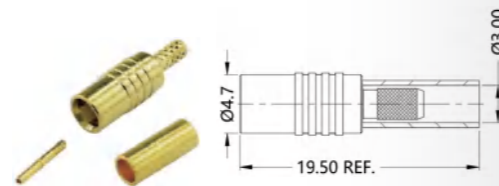
MCX Series

MCX straight female connector (PCB connector)



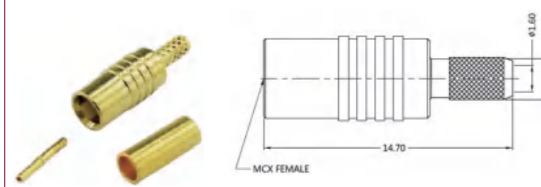
SLK P/N: 5MXF05S-P01-001
 Mounting: PCB through hole
 Frequency: 6 Ghz

MCX straight male connector(Flexible cable crimping type)



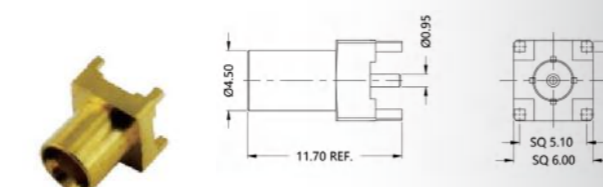
SLK P/N: 5MXF11S-A02-004
 Cable : RG174&RG316
 Frequency: 6 Ghz

MCX straight female connector(Flexible cable crimping type)



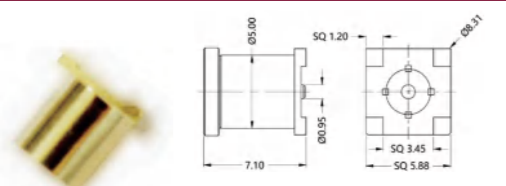
SLK P/N: 5MXF11S-A02-006
 Cable : RG-316
 Frequency: 6 Ghz

MCX straight female connector (PCB connector)



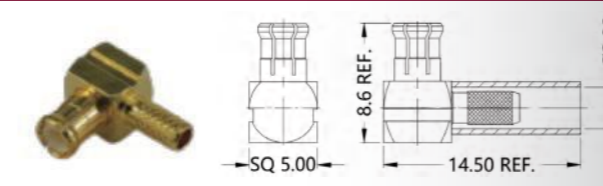
SLK P/N: 5MXF25S-P41-013
 Mounting: PCB through hole
 Frequency: 6 Ghz

MCX straight female connector (PCB connector)



SLK P/N: 5MXF27S-P41-002
 Mounting: PCB surface mount
 Frequency: 6 Ghz

MCX right angle male connector(Flexible cable crimping type)

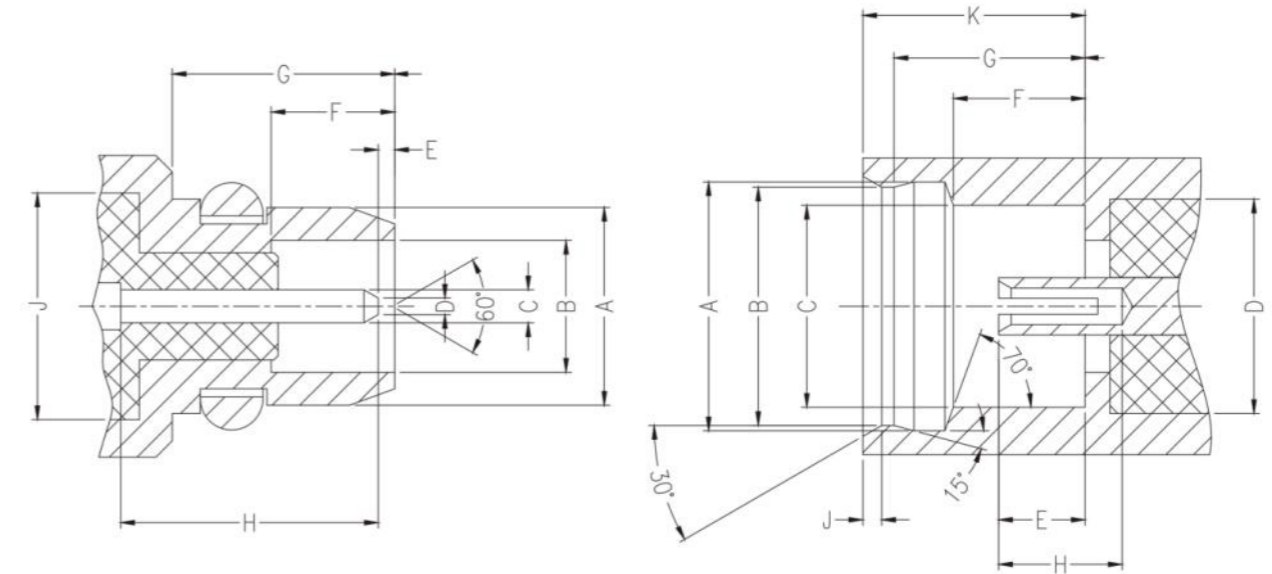


SLK P/N: 5MXM11R-A02-018
 Cable : LMR100
 Frequency: 6 Ghz

MMCX Series Connector

MMCX Series

MMCX RF coaxial connector is a kind of ultra-small push-in connector, the size is about 30% smaller than MCX connector. In addition to being suitable for general flexible and semi-rigid cables, it is also widely used in surface mounting technology. Small size, light weight, superior performance, and good reliability make it an ideal choice for products that require PCB panel mounting, surface mounting or body size requirements.



Male

Label	Minimum	Max
A	-	2.40
B	1.58	1.62
C	0.38	0.42
D	-	0.20
E	0.00	0.20
F	1.45	-
G	2.70	-
H	-	3.15
J	2.32	2.35

Female

Label	Minimum	Max
A	3.00	3.04
B	2.88	2.90
C	2.14	-
D	2.32	2.35
E	0.90	1.20
F	1.57	1.63
G	2.30	2.34
H	1.40	-
J	-	0.23
K	2.60	-

Note: unit mm

Reference standard: BS EN 122340

MMCX Series Connector

MMCX Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-6 GHz
Operating Voltage	170 V(RMS)
Operating Voltage	500 V(RMS)
Conductor resistance	Inner conductor: ≤ 5.0 m Ω (initial value)
	Outer conductor: ≤ 2.5 m Ω ((initial value)
Insulation resistance	≥ 500 m Ω
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass	Gold-plated、Nickel-plated
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	≤ 4 lbs
Male and female pullout force	1.35 lbs - 4. lbs
Center pin insertion force	≤ 1.1 lbs
Center pin pullout force	≥ 1 ounce
Center pin retention	≥ 2.25 lbs
Durability	500 times

MMCX Series Connector

MCX Series

MMCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MCM11S-A02-011
Cable : RG316/U
Frequency: 6 GHz

MMCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MCM11R-A02-025
Cable : RG316, RG174
Frequency: 3 Ghz

MMCX straight male connector(Flexible cable crimping type)

SLK P/N: 5MCM11S-A03-007
Cable : RG178/U
Frequency: 6 GHz

MMCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MCM11R-A03
Cable : RG178/U
Frequency: 6 GHz

MMCX straight female connector(Flexible cable crimping type)

SLK P/N: 5MCF11S-A02-002
Cable : RG316
Frequency: 6 Ghz

MMCX right angle male connector(Semi-flexible cable crimping type)

SLK P/N: 5MCM15R-S01-004
Cable : 086" cable
Frequency: 6 Ghz

MMCX straight female connector(Flexible cable solder type)

SLK P/N: 5MCF15S-A60-002
Cable : ϕ 1.13
Frequency: 6 GHz

MMCX straight male connector (PCB connector)

SLK P/N: 5MCM25S-P01-002
Mounting: PCB through hole
Frequency: 6 Ghz

MMCX right angle male connector(Flexible cable crimping type)

SLK P/N: 5MCM11R-A72-004
Cable : OD 1.37
Frequency: 6 GHz

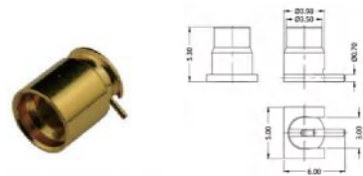
MMCX straight female connector (PCB connector)

SLK P/N: 5MCF25S-P01-001
Mounting: PCB through hole
Frequency: 6 Ghz

MMCX Series Connector

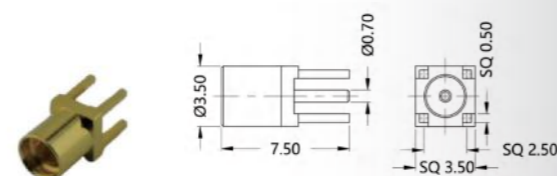
MMCX Series

MMCX right angle male connector (PCB connector)



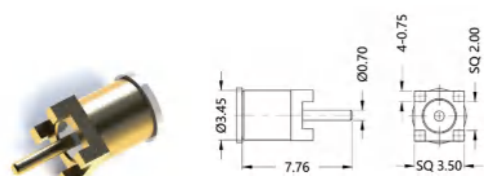
SLK P/N: 5MCF25R-P01-001
Mounting: PCB surface mount
Frequency: 6 Ghz

MMCX straight female connector (PCB connector)



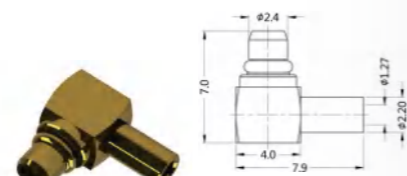
SLK P/N: 5MCF25S-P41-012
Mounting: PCB through hole
Frequency: 6 Ghz

MMCX straight female connector (PCB connector)



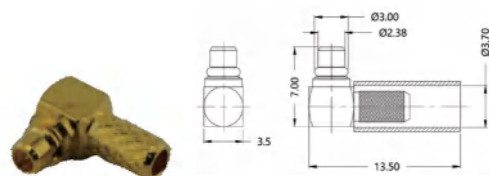
SLK P/N: 5MCF27S-P41-005
Mounting: PCB through hole
Frequency: 6 Ghz

MMCX right angle male connector (Flexible cable solder type)



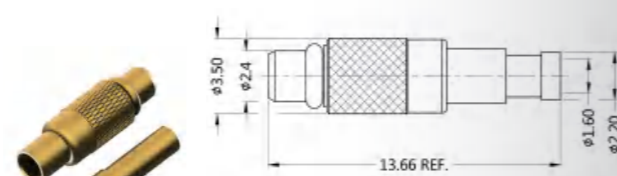
SLK P/N: 5MCM15R-S04
Cable: RG178/U
Frequency: 3 GHz

MMCX right angle male connector (Flexible cable crimping type)



SLK P/N: 5MCM11R-A50-003
Cable: RG316D
Frequency: 6 Ghz

MMCX straight male connector (Flexible cable solder type)



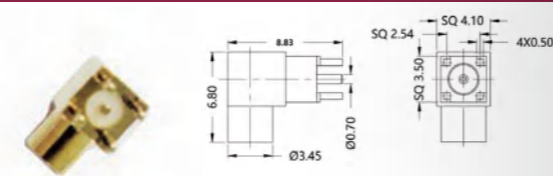
SLK P/N: 5MCM15S-A405
Cable: TFLEX-047
Frequency: 6 Ghz

MMCX right angle male connector (Flexible cable solder type)



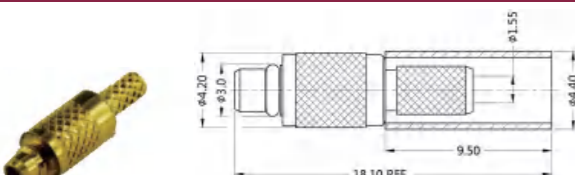
SLK P/N: 5MCM11R-A60-005
Cable: OD1.13
Frequency: 3 GHz

MMCX right angle female connector (PCB connector)



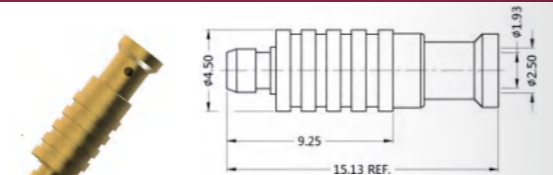
SLK P/N: 5MCF25R-P41-002
Mounting: PCB through hole
Frequency: 6 Ghz

MMCX straight male connector (Flexible cable crimping type)



SLK P/N: 5MCM11S-A50-002
Cable: RG316D
Frequency: 6 Ghz

MMCX straight male connector (Flexible cable solder type)

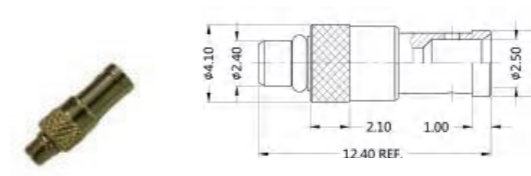


SLK P/N: 5MCM15S-A450
Cable: SF-316
Frequency: 6 Ghz

MMCX Series Connector

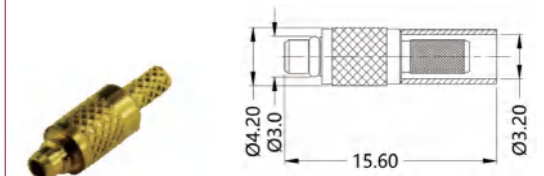
MMCX Series

MMCX straight male connector (Flexible cable solder type)



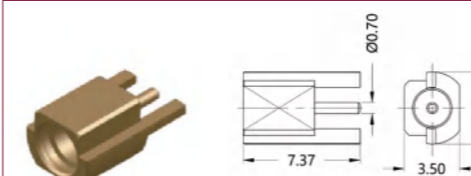
SLK P/N: 5MCM15S-A498
Cable: PT110
Frequency: 6 Ghz

MMCX straight male connector (Flexible cable crimping type)



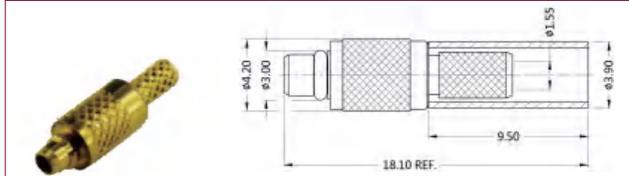
SLK P/N: 5MCM11S-A120-001
Cable: SFT-316
Frequency: 6 Ghz

MMCX straight female connector (PCB connector)



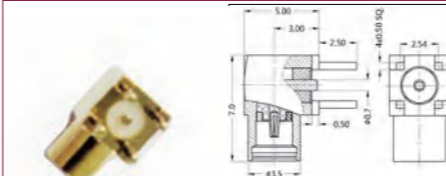
SLK P/N: 5MCF05S-P01
Mounting: PCB end-launch
Frequency: 6 Ghz

MMCX straight male connector (Flexible cable crimping type)



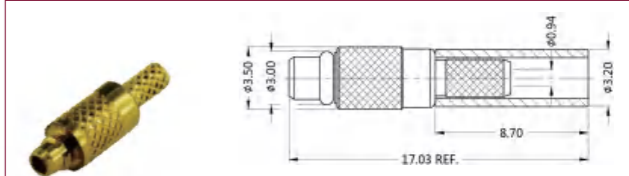
SLK P/N: 5MCM11S-A307
Cable: RG316/RG188
Frequency: 6 Ghz

MMCX right angle female connector (PCB connector)



SLK P/N: 5MCF27R-P41
Mounting: PCB through hole
Frequency: 6 Ghz

MMCX straight male connector (Flexible cable crimping type)



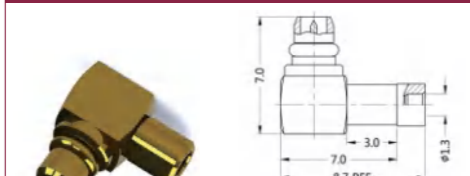
SLK P/N: 5MCM11S-A72-002
Cable: OD1.37
Frequency: 6 Ghz

MMCX right angle male connector (Flexible cable crimping type)



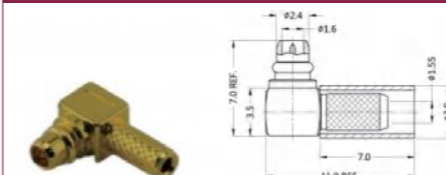
SLK P/N: 5MCM11R-A227-001
Cable: RG178D
Frequency: 6 Ghz

MMCX right angle male connector (Flexible cable solder type)



SLK P/N: 5MCM15R-A60-003
Cable: OD1.13
Frequency: 3 GHz

MMCX right angle male connector (Flexible cable crimping type)



SLK P/N: 5MCM11R-A441
Cable: LMR-100A-UF
Frequency: 3 GHz

MMCX right angle male connector (Flexible cable solder type)

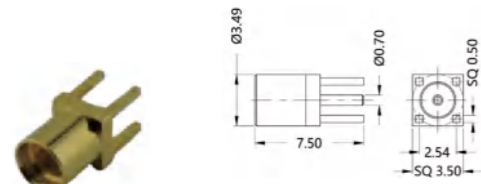


SLK P/N: 5MCM15R-A82-001
Cable: Nband-280
Frequency: 6 Ghz

MMCX Series Connector

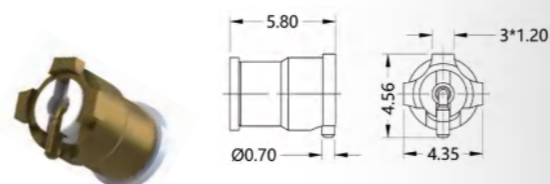
MMCX Series

MMCX straight female connector (PCB connector)



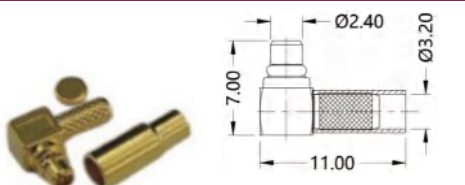
SLK P/N: 5MCF25S-P41-007
Mounting: PCB through hole
Frequency: 6 Ghz

MMCX right angle female connector (PCB connector)



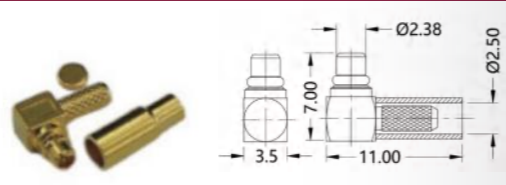
SLK P/N: 5MCF27R-P31
Mounting: PCB surface mount
Frequency: 6 Ghz

MMCX right angle male connector(Flexible cable crimping type)



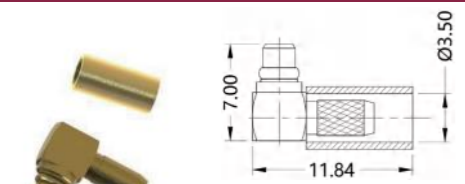
SLK P/N: 5MCM11R-A02-018
Cable : RG174, RG316
Frequency: 6 Ghz

MMCX right angle male connector(Flexible cable crimping type)



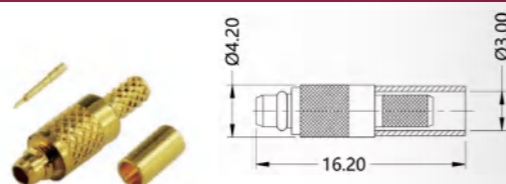
SLK P/N: 5MCM11R-A03-006
Cable : RG178, RG196
Frequency: 6 Ghz

MMCX right angle male connector(Flexible cable crimping type)



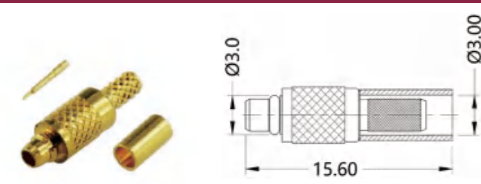
SLK P/N: 5MCM11R-A50-010
Cable : RG316
Frequency: 6 Ghz

TNC right anglestraight female connector(PCB connector)



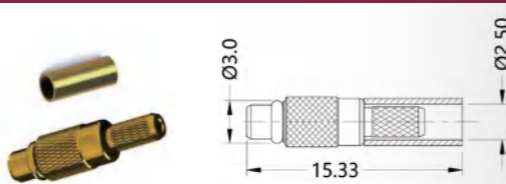
SLK P/N: 5MCM11S-A02-002
Cable : RG316
Frequency: 6 Ghz

MMCX straight male connector(Flexible cable crimping type)



SLK P/N: 5MCM11S-A02-006
Cable : RG316
Frequency: 6 Ghz

MMCX straight male connector(Flexible cable crimping type)

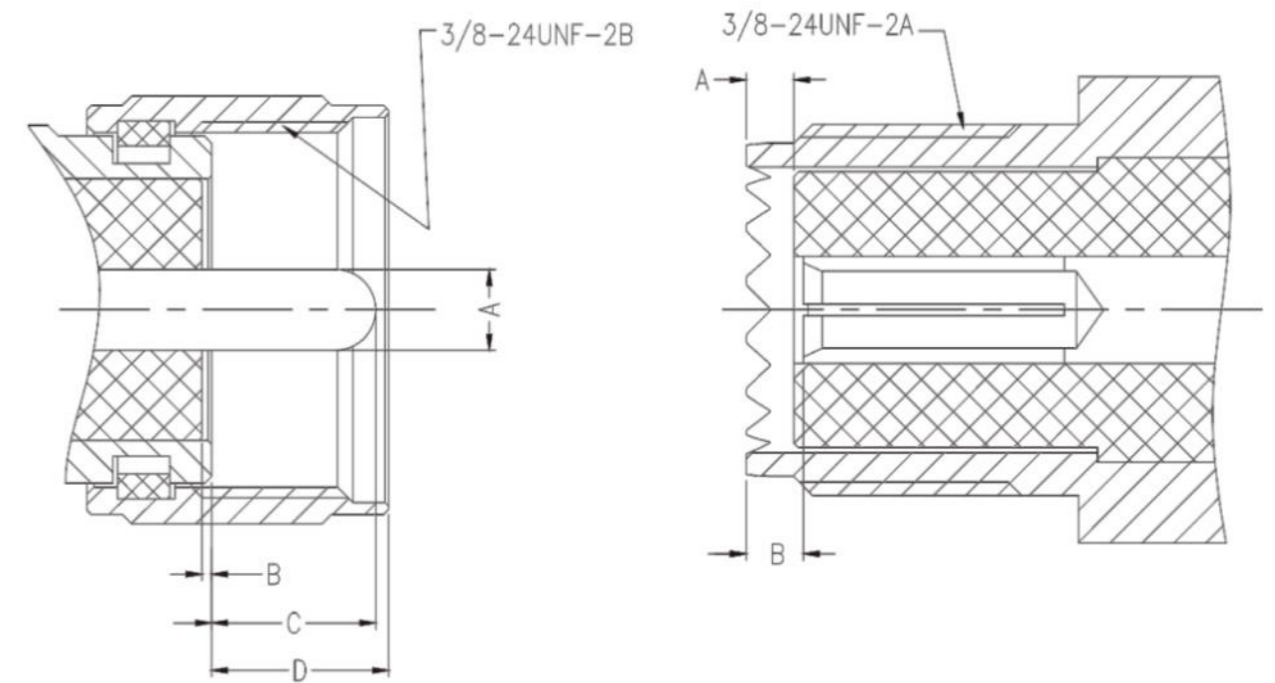


SLK P/N: 5MCM11S-A03-002
Cable : RG178/U
Frequency: 6 Ghz

UHF/Mini-UHF Series Connector

UHF/Mini-UHF Series

UHF and Mini-UHF series RF coaxial connectors are commonly used in low-frequency applications. It has the characteristics of low cost and low joining requirements. It's generally used in radio broadcast receivers and public transmission systems. Mini-UHF is a reduced version of UHF, usually used in telephone communication systems.



Male

Label	Minimum	Max
A	1.50	1.65
B	-	0.70
C	6.00	7.30
D	6.50	8.00

Female

Label	Minimum	Max
A	-	0.50
B	0.80	2.00
C		
D		

Note: unit mm

UHF/Mini-UHF Series Connector

UHF/Mini-UHF Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-2.5 GHz
Operating Voltage	830 V(RMS)
Medium pressure	2500 V(RMS)
Conductor resistance	Inner conductor: ≤ 5.0 m Ω (initial value)
	Outer conductor: ≤ 3.0 m Ω (initial value)
Insulation resistance	≥ 5000 m Ω
VSWR	Straight type: ≤ 1.30 (typical value))
	Curved type: ≤ 1.35 (typical value))

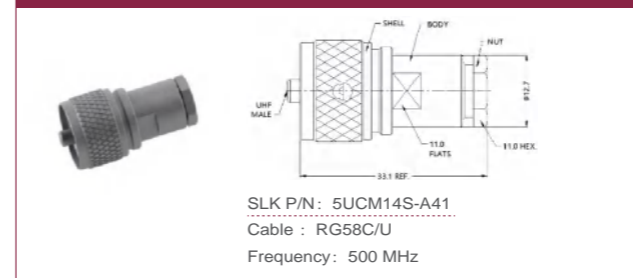
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	brass	Nickel-plated
Inner conductor	Male head: brass	Gold-plated,Silver-plaed,
	Female head: beryllium copper, phosphor broze	Nickel-plated
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	≥ 80 lbs
Thread torque	≥ 15 inch-lbs
Center pin insertion force	≤ 2 lbs
Center pin pullout force	≥ 1.5 ounces
Center pin retention	≥ 6 lbs
Durability	500 times

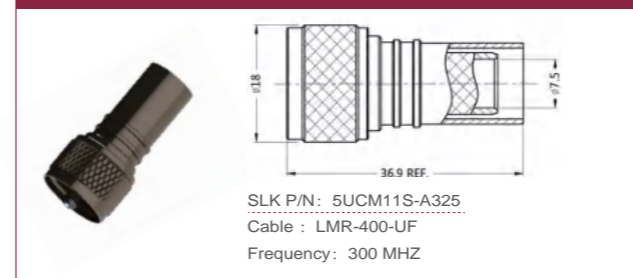
UHF/Mini-UHF Series Connector

UHF/Mini-UHF Series

UHF straight male connector(Flexible cable solder type)



UHF straight male connector(Flexible cable crimping type)



UHF straight male connector (PCB connector)



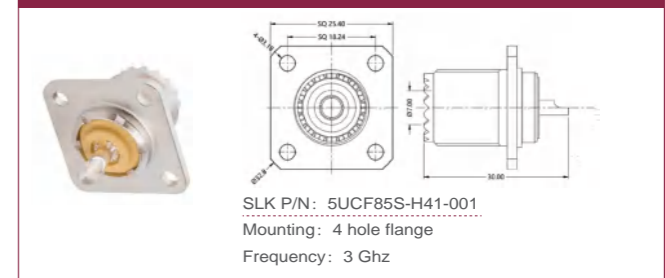
UHF straight male connector (PCB connector)



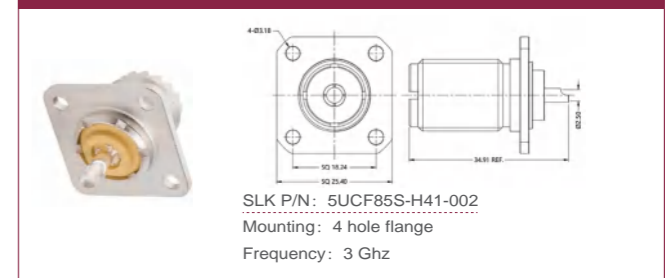
UHF straight female connector (PCB connector)



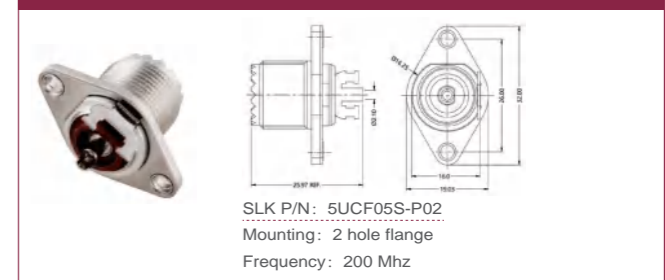
UHF straight female connector (PCB connector)



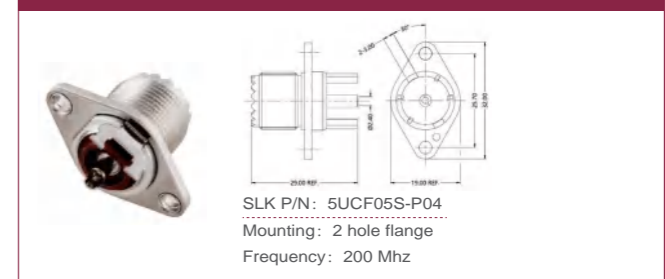
UHF straight female connector (PCB connector)



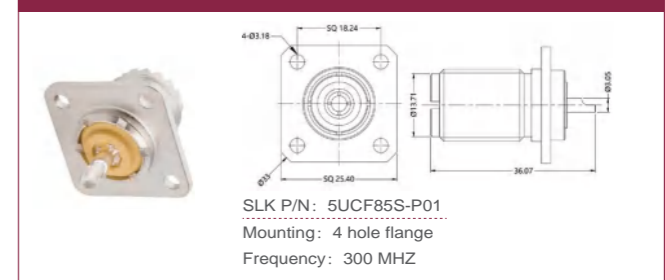
UHF straight female connector (PCB connector)



UHF straight female connector (PCB connector)



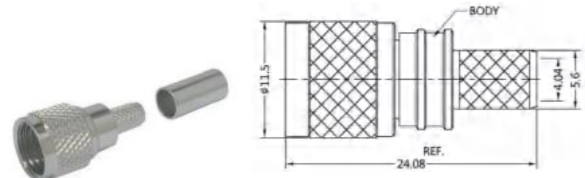
UHF straight female connector (PCB connector)



UHF/Mini-UHF Series Connector

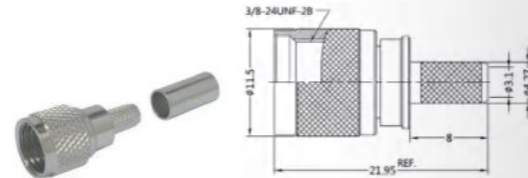
UHF/MINI-UHF Series

Mini-UHF straight male connector(Flexible cable crimping type)



SLK P/N: 5MUM11S-A46
Cable : LMR-240
Frequency: 2.5 GHz

Mini-UHF straight male connector(Flexible cable crimping type)

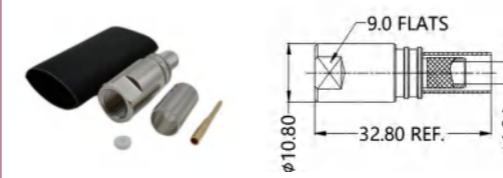


SLK P/N: 5MUM11S-A09
Cable : RG142/U RG223/U
Frequency: 2.5 GHz

FME Series Connector

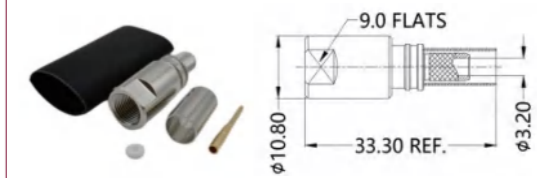
FME Series

FME straight male connector(Flexible cable crimping type)



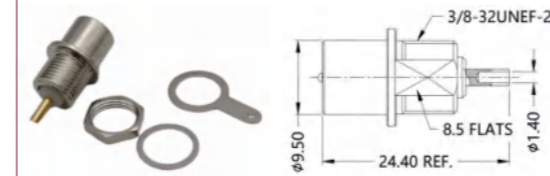
SLK P/N: 5FMM11S-A46
Cable : LMR-240
Frequency: 2 Ghz

FME straight male connector(Flexible cable crimping type)



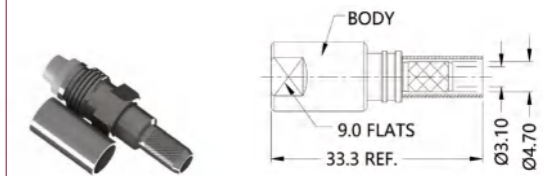
SLK P/N: 5FMM11S-A08
Cable : LMR-195/200
Frequency: 2 GHz

FME straight male connector



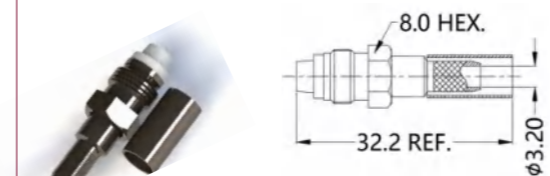
SLK P/N: 5FMM11S-A00
Mounting: Bulkhead Mounted
Frequency: 1.8 GHz

FME straight female connector(Flexible cable crimping type)



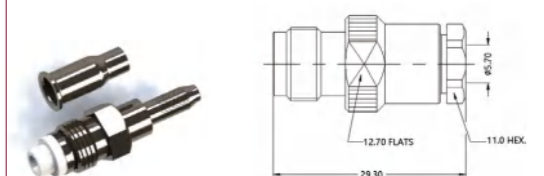
SLK P/N: 5FMF11S-A45
Cable : LMR-195/200
Frequency: 2 GHz

FME straight female connector(Flexible cable crimping type)



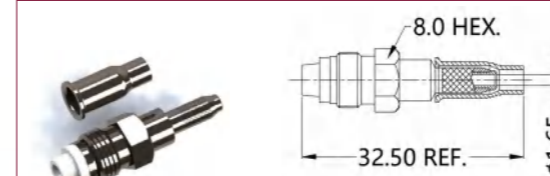
SLK P/N: 5FMF11S-A41-003
Cable : RG58
Frequency: 2 Ghz

FME straight female connector(Flexible cable crimping type)



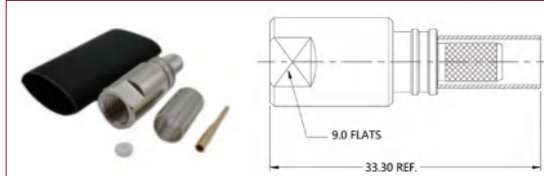
SLK P/N: 5FMF11S-A02-004
Cable : RG174A
Frequency: 2 Ghz

FME straight female connector(Flexible cable crimping type)



SLK P/N: 5FMF11S-A02-003
Cable : RG316
Frequency: 2 Ghz

FME straight male connector(Flexible cable crimping type)



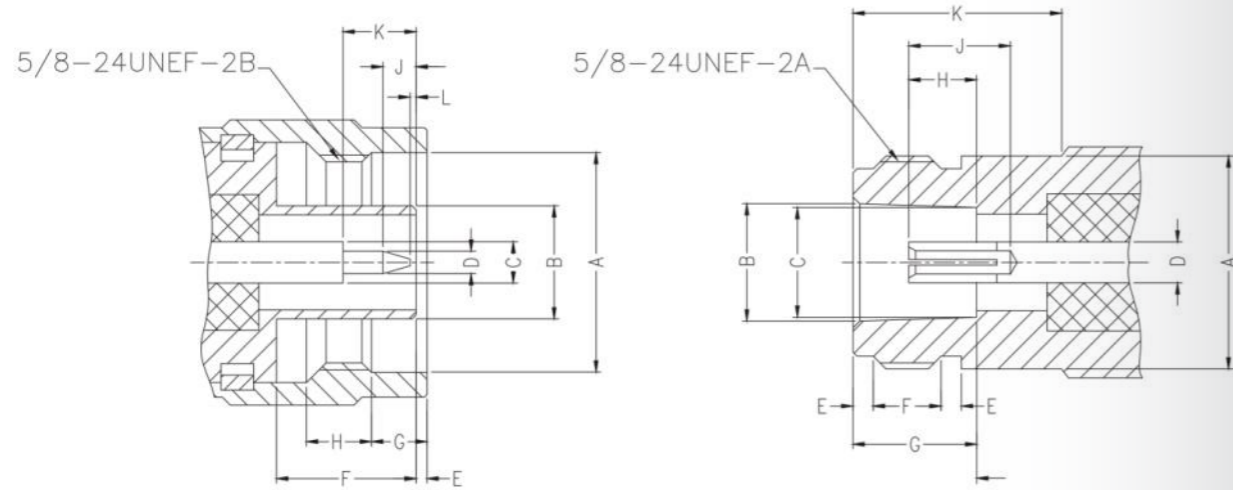
SLK P/N: 5FMM11S-A45
Cable : LMR-195
Frequency: 0.5 GHz

N Series Connector

N Series

N series RF coaxial connector is a medium power connector with threaded connection developed and produced in accordance with the US military standard MIL-C-39012.

It has the characteristics of strong shock resistance, high reliability, excellent mechanical and electrical performance, etc., and is widely used in base station equipment, satellite transmission systems and test equipment and other products



Male

Label	Minimum	Max
A	16.00	-
B	7.95	8.03
C	3.02	3.15
D	1.60	1.68
E	0.41	1.52
F	10.11	10.46
G	4.01	4.27
H	4.50	-
J	2.79	3.56
K	5.33	-
L	0.08	-

Female

Label	Minimum	Max
A	-	15.93
B	8.53	8.74
C	8.03	8.13
D	3.02	3.15
E	1.19	1.96
F	4.37	5.13
G	9.04	9.19
H	4.75	5.26
J	5.33	-
K	10.72	-

Note: unit mm
Reference standard: IEEE Std 287-2007

N Series Connector

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-18 GHz
Operating Voltage	1000 V(RMS)
Medium pressure	2500 V(RMS)
Conductor resistance	Inner conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 0.2 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

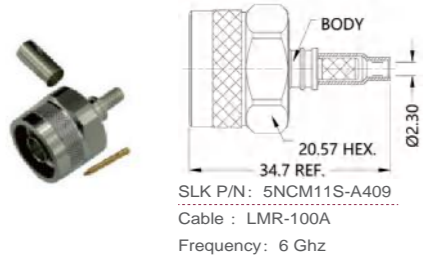
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Brass	Nickel plated, ternary alloy
Inner conductor	Male head: brass, beryllium copper	Gold plated, silver plated
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread tension	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin insertion force	$\leq 2 \text{ lbs}$
Center pin pull-out force	$\geq 2 \text{ ounce}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

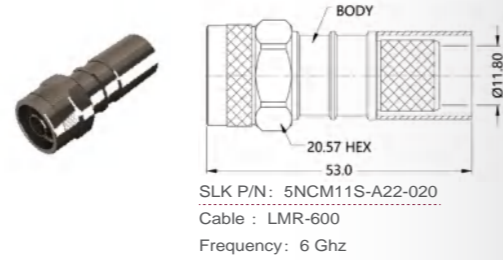
N Series Connector

N Series

N straight male connector(Flexible cable crimping type)



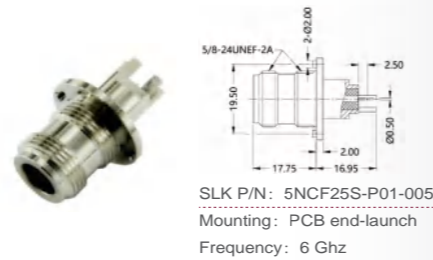
N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



N straight female connector (PCB connector)



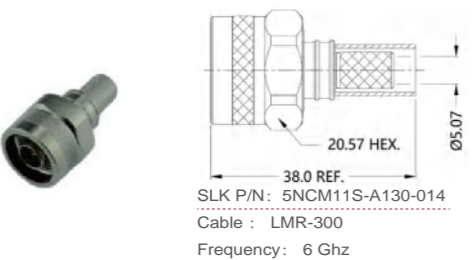
N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



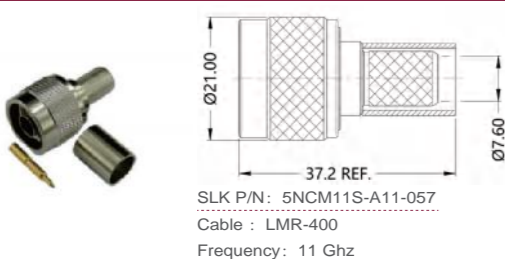
N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable solder type)



N Series Connector

N Series

N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



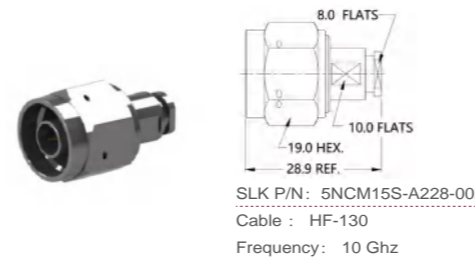
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



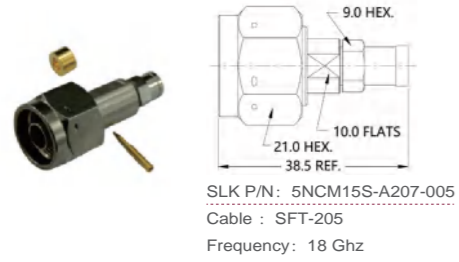
N straight male connector(Flexible cable solder type)



N Series Connector

N Series

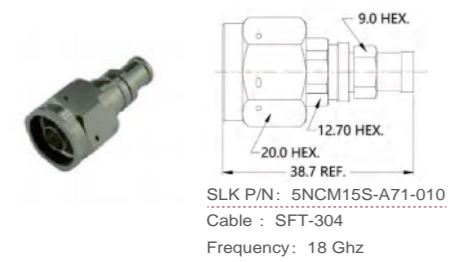
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



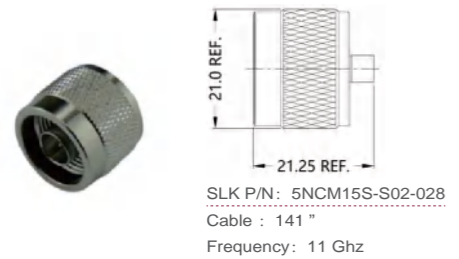
N straight male connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



N straight male connector(Semi-steel cable solder type)



N straight female connector(Flexible cable solder type)



N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



N straight male connector(Flexible cable crimping type)



N Series Connector

N Series

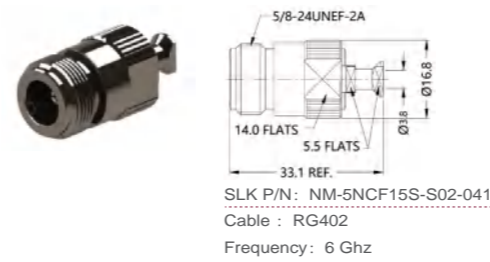
N straight male connector(Flexible cable crimping type)



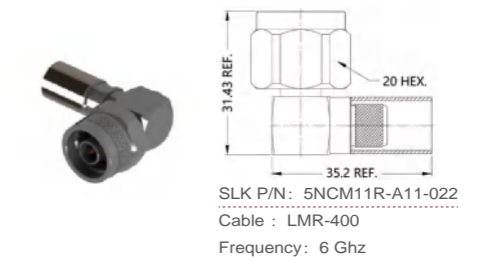
N right angle female connector(Flexible cable solder type)



N straight female connector(Flexible cable solder type)



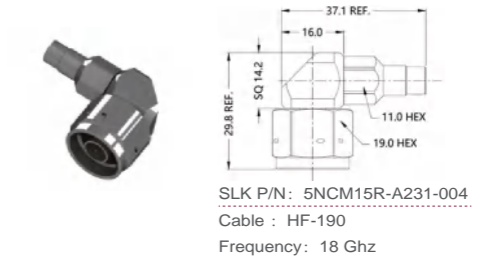
N right angle female connector(Flexible cable crimping type)



N straight female connector(Flexible cable solder type)



N right angle female connector(Flexible cable solder type)



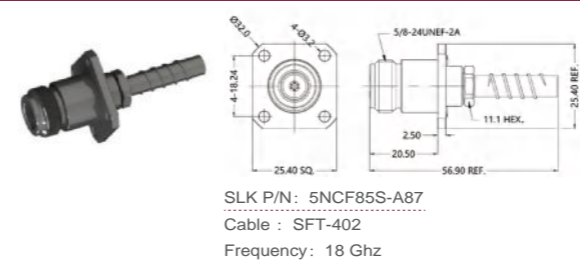
N straight female connector(Flexible cable solder type)



N right angle female connector(Flexible cable crimping type)



N straight female connector(Flexible cable solder type)



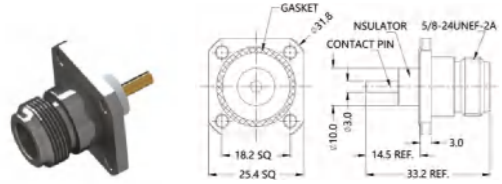
N right angle female connector(Flexible cable crimping type)



N Series Connector

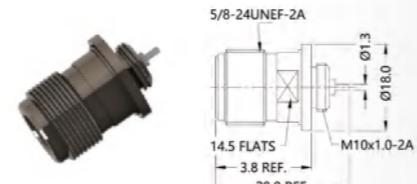
N Series

N straight female connector(PCB connector)



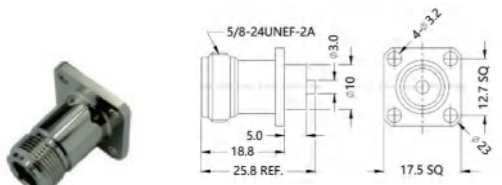
SLK P/N: 5NCF85S-H41-012
 Mounting: 4 hole flange
 Frequency: 11 Ghz

N straight female connector(PCB connector)



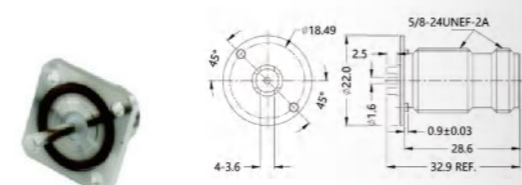
SLK P/N: 5NCF04S-P01
 Frequency: 6 Ghz

N straight female connector(PCB connector)



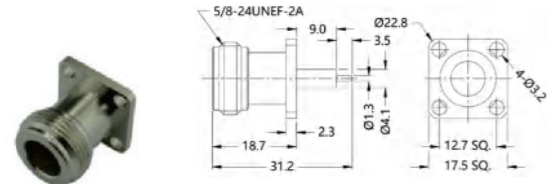
SLK P/N: 5NCF05S-P10
 Mounting: 4 hole flange
 Frequency: 6 Ghz

N straight female connector(PCB connector)



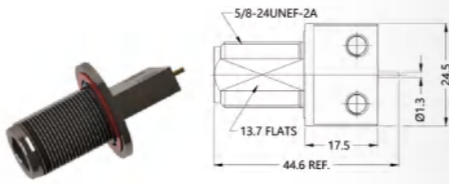
SLK P/N: 5NCF25S-P41-003
 Mounting: 4 hole flange
 Frequency: 11 Ghz

N straight female connector(PCB connector)



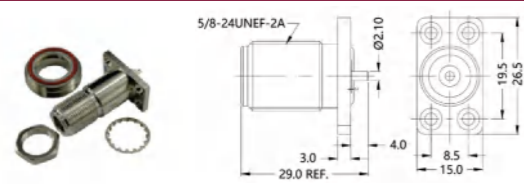
SLK P/N: 5NCF80S-P01-002
 Mounting: 4 hole flange
 Frequency: 6 Ghz

N straight female connector(PCB connector)



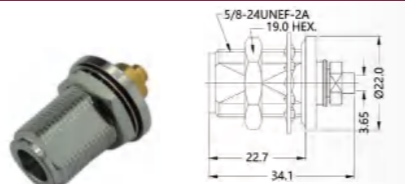
SLK P/N: 5NCF30S-P00
 Mounting: PCB end-launch
 Frequency: 11 Ghz

N straight female connector(PCB connector)



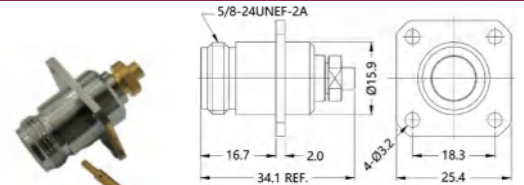
SLK P/N: 5NCF85S-P01-007
 Mounting: 4 hole flange
 Frequency: 6 Ghz

N straight female connector(Flexible cable solder type)



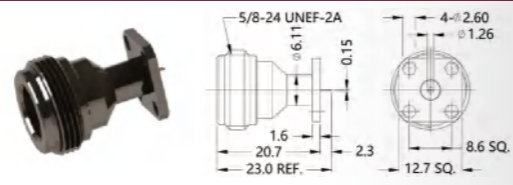
SLK P/N: 5NCF15S-A81
 Cable : TFLEX-402
 Frequency: 6 Ghz

N straight female connector(Flexible cable solder type)



SLK P/N: 5NCF15S-S02-007
 Cable : RG402
 Frequency: 11 Ghz

N straight female connector(PCB connector)

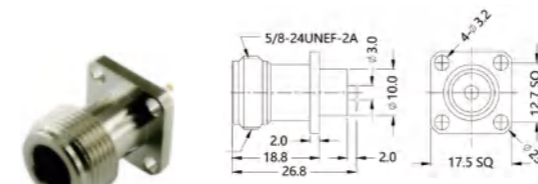


SLK P/N: 5NCF85S-P01-008
 Mounting: 4 hole flange
 Frequency: 11 Ghz

N Series Connector

N Series

N straight female connector(PCB connector)



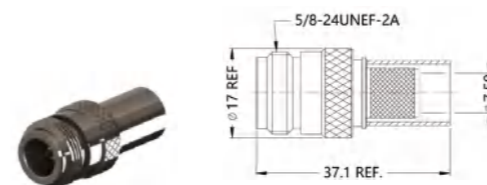
SLK P/N: 5NCF05S-P10-001
 Mounting: 4 hole flange
 Frequency: 6 Ghz

N straight female connector(Flexible cable solder type)



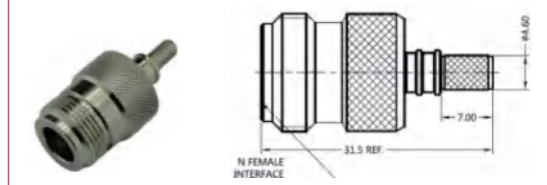
SLK P/N: 5NCF11S-A02-010
 Cable : RG316
 Frequency: 6 Ghz

N straight female connector(Flexible cable crimping type)



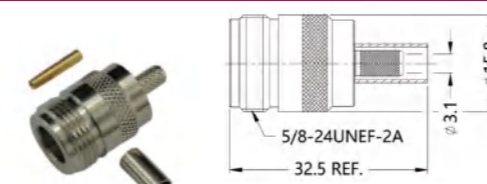
SLK P/N: 5NCF11S-A11-016
 Cable : LMR-400
 Frequency: 4 Ghz

N straight female connector(Flexible cable crimping type)



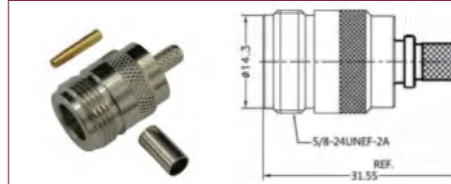
SLK P/N: 5NCF11S-A409-001
 Cable : LMR100A
 Frequency: 12 Ghz

N straight female connector(Flexible cable crimping type)



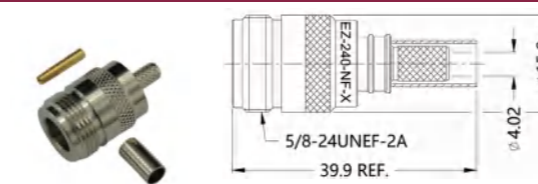
SLK P/N: 5NCF11S-A45-004
 Cable : LMR-195
 Frequency: 6 Ghz

N straight female connector(Flexible cable crimping type)



SLK P/N: 5NCF11S-A46-002
 Cable : LMR-240
 Frequency: 6 Ghz

N straight male connector(Flexible cable crimping type)



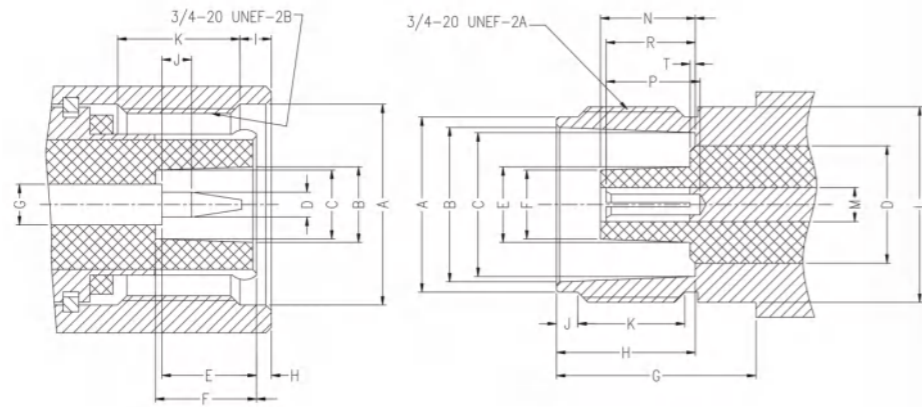
SLK P/N: 5NCF11S-A46-004
 Cable : LMR-240
 Frequency: 6 Ghz

HN Series Connector

HN Series

HN RF coaxial connector is a medium-sized threaded connector, which adopts a Teflon insulator full-wrapped structure. Its structural characteristics enable it to be used in environments with greater pressure resistance and high-power environment applications.

It has good waterproof performance, and it has the characteristics of strong shock resistance and high reliability, and it is widely used in high-power requirements in base station equipment, communication transmission systems and medical equipment.



Male

Label	Minimum	Max
A	19.30	-
B	7.34	-
C	6.68	-
D	1.57	1.68
E	9.04	9.86
F	9.35	1.02
G	-	3.35
H	-	1.47
I	3.05	-
J	10.24	-
K	2.54	-

Female

Label	Minimum	Max
A	16.81	17.35
B	14.50	14.68
C	13.92	14.05
D	-	10.92
E	-	7.47
F	-	6.81
G	14.99	-
H	13.11	13.26
J	1.96	2.21
K	9.12	-
L	-	19.18
M	-	3.35
N	-	9.35
P	9.12	-
R	8.33	9.09
T	-	0.13

Note: unit mm
Reference standard: MIL-STD-348A

HN Series Connector

HN Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-4 GHz
Operating Voltage	1330 V(RMS)
Medium pressure	4000 V(RMS)
Conductor resistance	Inner conductor: $\leq 1.5 \text{ m}\Omega$ (initial value)
	Outer conductor: $\leq 1.0 \text{ m}\Omega$ (initial value)
Insulation resistance	$\geq 5000 \text{ m}\Omega$
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Male head: brass	Nickel plated
	Female head: beryllium copper, Brass	
Inner conductor	phosphor bronze	Gold plated, silver plated
Insulator	Teflon	N/A

Mechanical behavior	
Nut pull	$\geq 100 \text{ lbs}$
Thread torque	$\geq 15 \text{ inch}\cdot\text{lbs}$
Center pin retention	$\geq 6 \text{ lbs}$
Durability	500 times

HN Series Connector

HN Series

HN straight male connector (Semi-flexible cable solder type)

SLK P/N: 5HNM15S-A370
Cable : A401
Frequency: 2 Ghz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A257
Cable : SFT-320
Frequency: 100 MHz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A22-001
Cable : LMR-600
Frequency: 4 Ghz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A253-005
Cable : RG393
Frequency: 2.5 Ghz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A51-002
Cable : RG217
Frequency: 2.5 Ghz

HN right angle male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14R-A51-001
Cable : RG217
Frequency: 2.5 Ghz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A252
Cable : SFT-600
Frequency: 100 MHz

HN right angle male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14R-A253-005
Cable : RG393
Frequency: 2.5 GHz

HN right angle male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14R-A270
Cable : SFT-600
Frequency: 1 Ghz

HN right angle male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14R-A312-001
Cable : SFT-500
Frequency: 100 MHz

HN Series Connector

HN Series

HN straight female connector

SLK P/N: 5HNF11S-A00
Mounting: front end Bulkhead
Frequency: 4 Ghz

HN straight female connector (PCB connector)

SLK P/N: 5HNF25S-P01-001
Mounting: 4 hole flange
Frequency: 100 MHz

HN straight female connector (PCB connector)

SLK P/N: 5HNF25S-P01-002
Mounting: 4 hole flange
Frequency: 100 Mhz

HN right angle male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14R-A253
Cable : RG393
Frequency: 100 MHz

HN right angle male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14R-A253-003
Cable : RG393
Frequency: 100 MHz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A253-001
Cable : RG393
Frequency: 100 MHz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A253-004
Cable : RG393
Frequency: 100 MHz

HN straight male connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14S-A501
Cable : LMR-1700-DB-TPV
Frequency: 500 MHz

HN straight female connector

SLK P/N: 5HNF80S-H41
Mounting: 4 hole flange
Frequency: 4 Ghz

HN right angle female connector(Semi-flexible cable flow forming type)

SLK P/N: 5HNM14R-A252
Cable : SFT600
Frequency: 100 MHz

LC Series Connector

LC Series

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF. 38.1 HEX. 91.3 REF. 17.00

SLK P/N: 5LCM14R-A252-002
Cable : SFT-600
Frequency: 100 MHZ

LC right angle male connentor(Semi-flexible cable flow forming type)

64.70 REF. 52.20 38.1 HEX. 83.8 REF. 14.50

SLK P/N: 5LCM14R-A253
Cable : RG393
Frequency: 100 MHZ

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF. 56.00 38.1 HEX. 96.0 REF. 24.00

SLK P/N: 5LCM14R-A256
Cable : RG-218
Frequency: 100 MHZ

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF. 56.10 REF. 21.0 FLATS 93.4 REF. 14.60

SLK P/N: 5LCM14R-A270
Cable : SFT-600
Frequency: 2.5 GHz

LC right angle male connentor(Semi-flexible cable flow forming type)

68.70 REF. 56.0 REF. 38.1 HEX. 90.4 REF. 15.50

SLK P/N: 5LCM14R-A299
Cable : HP-226
Frequency: 100 MHZ

LC straight male connentor(Semi-flexible cable flow forming type)

38.1 HEX. 81.4 REF. 17.00 94.1 REF.

SLK P/N: 5LCM14S-A252
Cable : SFT-600
Frequency: 1 Ghz

LC straight male connentor(Semi-flexible cable flow forming type)

38.1 HEX. 77.9 REF. 14.50 90.6 REF.

SLK P/N: 5LCM14S-A253
Cable : RG393
Frequency: 100 MHZ

LC straight male connentor(Semi-flexible cable flow forming type)

5/8-28UNF-2A 42.25

SLK P/N: 5LCM14S-A299
Cable : HP-226
Frequency: 100 MHZ

LC straight male connentor(Semi-flexible cable solder type)

38.1 HEX. 21.0 FLATS 89.6 REF. 14.60 102.2 REF.

SLK P/N: 5LCM14S-A270
Cable : SFT-600
Frequency: 2.5 GHz

LC straight male connentor(Semi-flexible cable solder type)

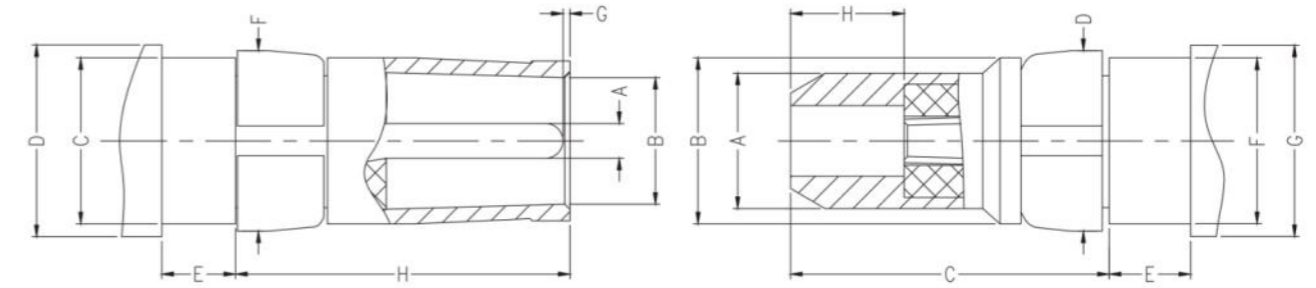
38.1 HEX. 42.0 58.5 65.3 REF. 78.0 REF.

SLK P/N: 5LCM14S-A501
Cable : LMR-1700-DB-TPV
Frequency: 0.5 GHz

D-SUB Series Connector

D-SUB Series

D-SUB series RF coaxial connector is a small push-in RF connector, which has the characteristics of small size, light weight, reliable electrical and mechanical properties, and convenient and fast connection. It is used for high and low frequency printed boards in radio frequency communication equipment. Mixed connectors and RF coaxial cable assemblies in the high frequency loop.



Male

Label	Minimum	Max
A	0.98	1.01
B	Note 1	
C	4.76	4.79
D	-	6.00
E	2.22	2.40
F	-	5.25
G	0.10	0.50
H	9.35	9.50

Female

Label	Minimum	Max
A	-	3.85
B	-	4.75
C	8.85	9.00
D	-	5.25
E	2.22	2.40
F	4.76	4.79
G	-	6.00
H	2.80(Conventional valu)	

Note: unit mm

2. The size matching the female head meets the corresponding mechanical and electrical properties.

D-SUB Series Connector

D-SUB Series

Electrical performance	
Characteristic impedance	50 Ohm
Frequency Range	0-6 GHz
Operating Voltage	170 V(RMS)
Medium pressure	500 V(RMS)
Conductor resistance	Inner conductor: ≤ 10.0 m Ω (initial value)
	Outer conductor: ≤ 5.00 m Ω (initial value)
Insulation resistance	≥ 1000 m Ω
VSWR	Straight type: ≤ 1.30 (typical value)
	Curved type: ≤ 1.35 (typical value)

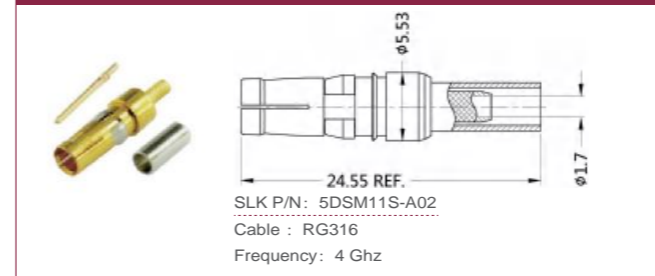
Material/Plating		
Part Name	Material	Coating
Main body, hardware accessories	Male head: brass, beryllium copper, phosphor bronze	Nickel plated, ternary alloy, Gold
Inner conductor	Male head: brass	Gilded
	Female head: beryllium copper, phosphor bronze	
Insulator	Teflon	N/A
Washer	Silicone Rubber	N/A

Mechanical behavior	
Male and female insertion force	≤ 4 lbs
Male and female pullout force	1.35 lbs - 4. lbs
Center pin insertion force	≤ 1.1 lbs
Center pin pullout force	≥ 1 ounce
Center pin retention	≥ 2.25 lbs
Durability	500 times

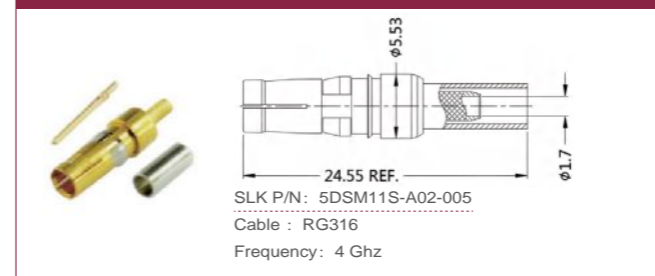
D-SUB Series Connector

D-SUB Series

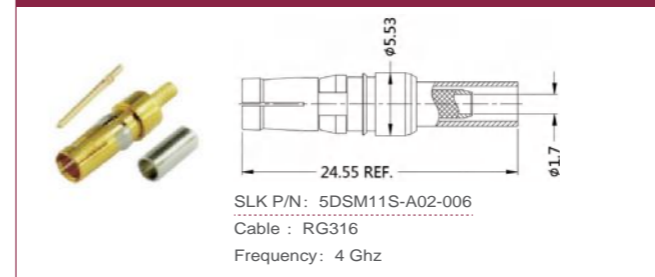
D-SUB straight male connentor(Flexible cable crimping type)



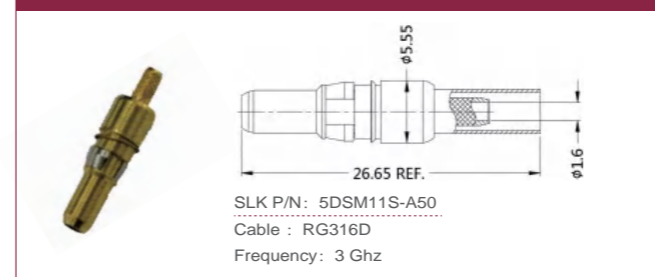
D-SUB straight male connentor (Flexible cable crimping type)



D-SUB straight male connentor (Flexible cable crimping type)



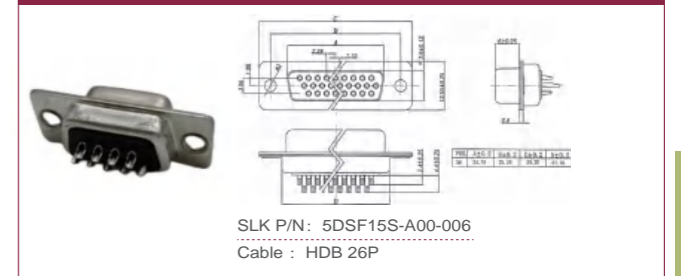
D-SUB straight male connentor (Flexible cable crimping type)



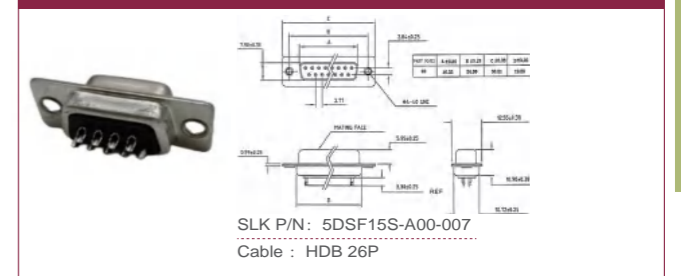
D-SUB straight male connentor (Flexible cable solder type)



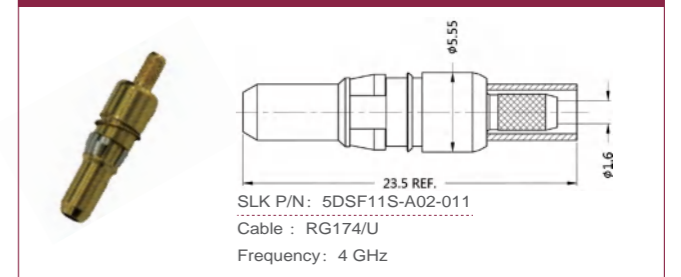
D-SUB straight female connentor (Integral type)



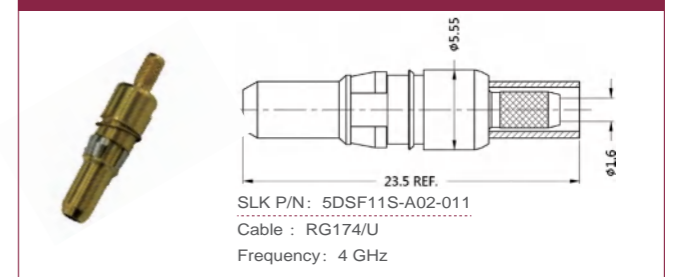
D-SUB straight female connentor (Integral type)



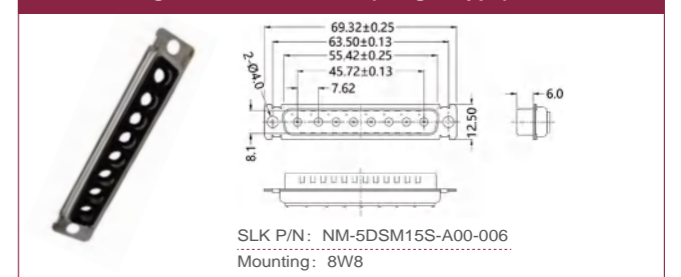
D-SUB straight female connentor (Flexible cable crimping type)



D-SUB straight female connentor (Flexible cable crimping type)



D-SUB straight female connentor(Integral type)

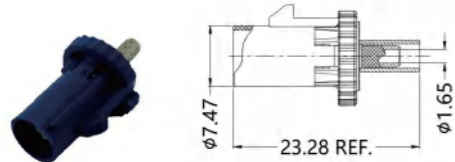


FAKRA Series Connector

FAKRA Series

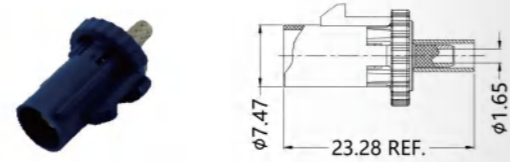
Other series - Superlink provides various other series of connector products, including HN, LC, FAKRA, FME, SBMA, SSMP, bundle connectors, mixed connectors, etc. For more series products, please consult Superlink sales staff.

FAKRA straight male connector (Flexible cable crimping type)



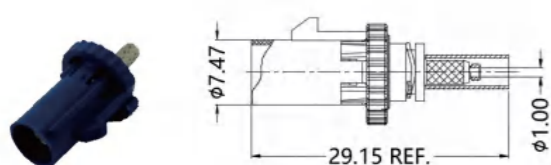
SLK P/N: 5FKM1CS-A02-001
Cable : RG-316
Frequency: 4 Ghz

FAKRA straight male connector (Flexible cable crimping type)



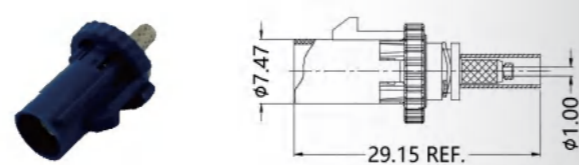
SLK P/N: 5FKM1DS-A02-001
Cable : φ 1.37 CABLE
Frequency: 4 Ghz

FAKRA straight male connector (Flexible cable crimping type)



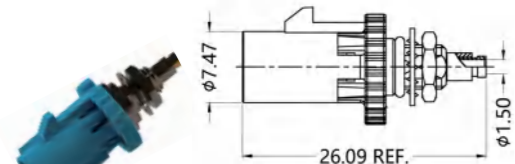
SLK P/N: 5FKM1CS-A03
Cable : RG-178
Frequency: 4 Ghz

FAKRA straight male connector (Flexible cable crimping type)



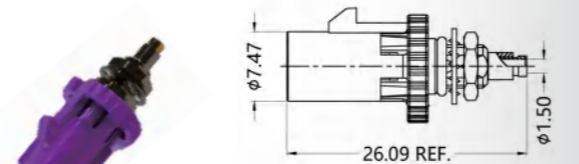
SLK P/N: 5FKM11S-A03
Cable : RG-178
Frequency: 4 Ghz

FAKRA straight male connector (Flexible cable crimping type)



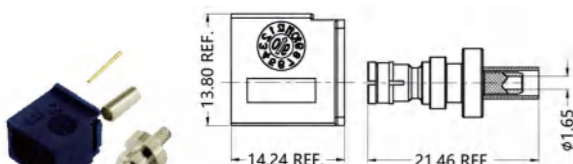
SLK P/N: 5FKM1CS-A72
Cable : φ 1.37
Frequency: 4.0GHz

FAKRA straight male connector (Flexible cable crimping type)



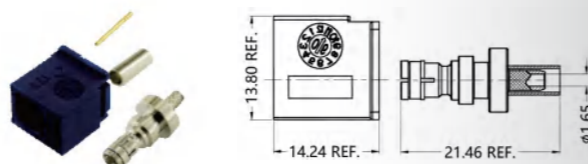
SLK P/N: 5FKM1DS-A72
Cable : φ 1.37
Frequency: 4.0GHz

FAKRA straight female connector (Flexible cable crimping type)



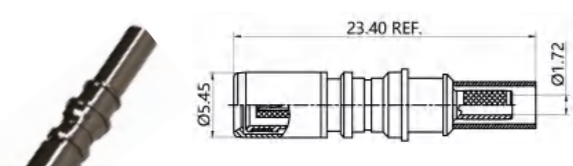
SLK P/N: 5FKF1CS-A02-001
Cable : RG316
Frequency: 4 Ghz

FAKRA straight female connector (Flexible cable crimping type)



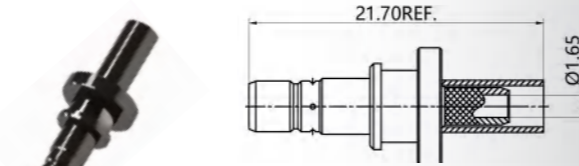
SLK P/N: 5FKF1DS-A02-001
Cable : RG-316
Frequency: 4 Ghz

FAKRA straight female connector (Flexible cable crimping type)



SLK P/N: 5FKF11S-A02-007
Cable : RG-174
Frequency: 4 Ghz

FAKRA straight male connector (Flexible cable crimping type)



SLK P/N: 5FKM10S-A02-006
Cable : RG-316
Frequency: 4 Ghz

Mixed Series Connector

Mixed series

The MS small modular rectangular electrical connector is a modular combined structure, and the contact arrangement can be freely selected according to the use situation to meet different functional requirements. It can realize the integrated transmission of multiple signals such as radio frequency, power, and low frequency signals at the same time, reducing use space and cost savings

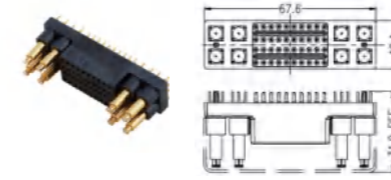
Use:

Applied to the electrical connection between the equipment and the outside to solve the problem of electrical signal transmission

Use environment:

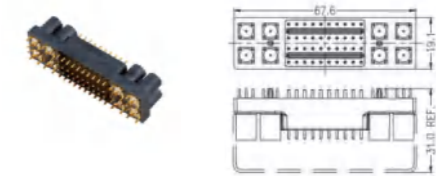
Used in small cabinets indoors or cabins, equipment that needs to be connected to the outside through cables

Mixed straight female connector (PCB connector)



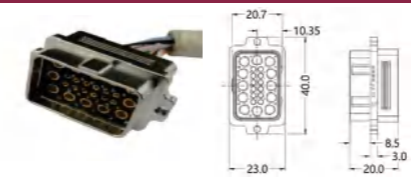
SLK P/N: 5EZP25S-P41
Multichannel modular: 8xRF ports + 40xSignal ports
Frequency: 6 Ghz

Mixed straight male connector(PCB connector)



SLK P/N: 5EZM25S-P41
Multichannel modular: 8xRF ports + 40xSignal ports
Frequency: 6 Ghz

Non-magnetic mixed straight female connector(flexible cable solder type)



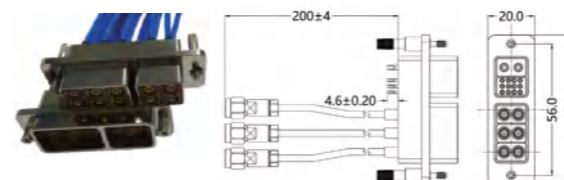
SLK P/N: NM-5EZP00S-T00
Multichannel modular: 12xRF ports + 12xSignal ports
Frequency: 2.5 GHz

Non-magnetic mixed straight female connector(flexible cable solder type)



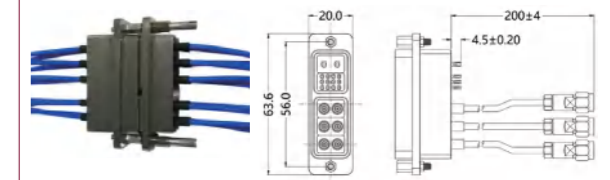
SLK P/N: NM-5EZM00S-T00
Multichannel modular: 12xRF ports + 12xSignal ports
Frequency: 2.5 GHz

Modular high and low frequency mixed female connector



SLK P/N: 5QTF15S-A00-002
Frequency: 40 Ghz

Modular high and low frequency mixed male connector



SLK P/N: 5QTM15S-A00-009
Frequency: 40 Ghz

Bundle Series Connector

Bundle Series

5-core bundled straight male connector(corrugated cable solder type)

SLK P/N: 5EZM15S-LS14
Cable : 1/4"
Frequency: 6 GHz

5-core bundled straight female connector(semi-flex cable solder type)

SLK P/N: 5EZF15S-S02
Cable : RG402
Frequency: 6 GHz

8-core bundled straight female connector(flexible cable crimping type)

SLK P/N: 5EZF14S-A50
Cable : RG316D
Frequency: 3 GHz

8-core bundled straight male connector(flexible cable crimping type)

SLK P/N: 5EZM14S-A50
Cable : RG316D
Frequency: 3 GHz

8-core bundle male connector(flexible cable crimping type)

SLK P/N: 5EZM11S-A02
Cable : RG316
Frequency: 2.5 GHz

8-core bundle female connector(PCB connector)

SLK P/N: 5EZF25S-P31
Mounting: PCB through hole
Frequency: 2.5 GHz

Adapter Series

Adapter Series

7/16 male to N female adapter

SLK P/N: 5A7M06S-NCF
Frequency: 6 GHz

N male to SMA female adapter

SLK P/N: 5NCM06S-MAF
Frequency: 18 GHz

7/16 male to 3.5mm female adapter

SLK P/N: 5A7M06S-P3F-001
Frequency: 6 GHz

N male to BNC female adapter

SLK P/N: 5BNF06S-NCM
Frequency: 3.5GHz

7/16 female to 7/16 female adapter

SLK P/N: 5A7F06S-A7F-004
Frequency: 6 GHz

N female to TNC male adapter

SLK P/N: 5NCF06S-TCM
Frequency: 18 GHz

N male to N male 90° adapter

SLK P/N: 5NCM06R-NCM
Frequency: 18 GHz

MCX 75Ω male to N 75Ω femal adapter

SLK P/N: 7MXM06S-NCF
Frequency: 3 GHz

N female to N femal adapter

SLK P/N: 5NCF06S-NCF
Frequency: 11 GHz

N female to N female adapter

SLK P/N: 5NCF06S-NCF-001
Frequency: 11 GHz

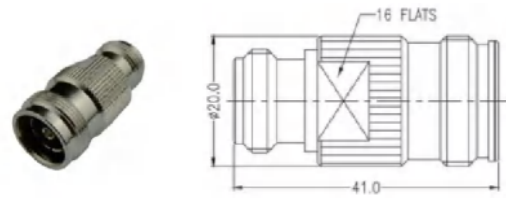
Bundle series

Adapter series

Adapter Series

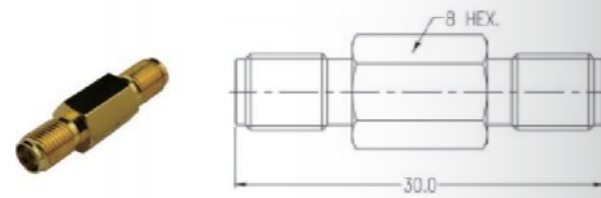
Adapter Series

N female to 4.3/10 female adapter



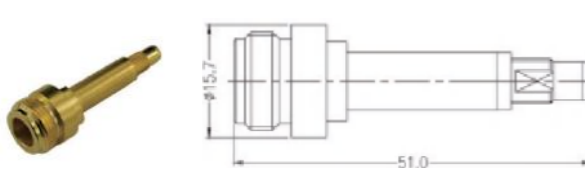
SLK P/N: 5NCF06S-SDF
Frequency: 6 Ghz

SMA female to SMA female adapter



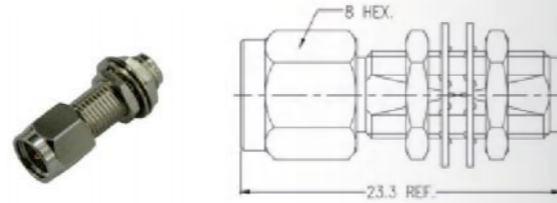
SLK P/N: 5MAF06S-MAF
Frequency: 6 Ghz

BMA male to MMCX female adapter



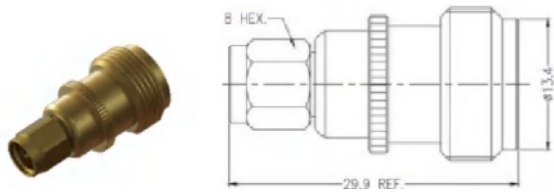
SLK P/N: 5BMM06S-MCF
Frequency: 11 Ghz

SMA female to SMA male adapter



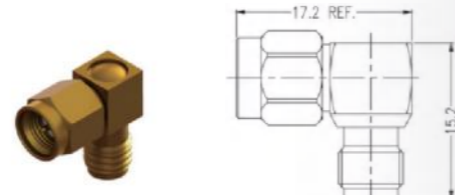
SLK P/N: 5MAF06S-MAM
Frequency: 12.4 Ghz

SMA male to N female adapter



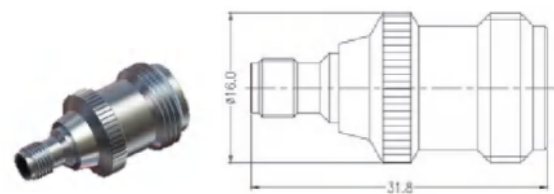
SLK P/N: 5MAM06S-NCF-008
Frequency: 6 Ghz

SMA female to SMA male 90° adapter



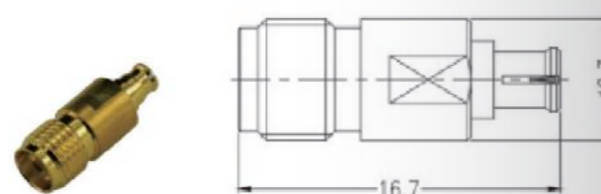
SLK P/N: 5MAF06R-MAM
Frequency: 11 Ghz

SMA female to N female adapter



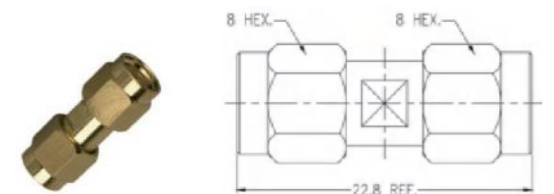
SLK P/N: 5MAF06S-NCF-003
Frequency: 18 Ghz

SMA female to SMP female adapter



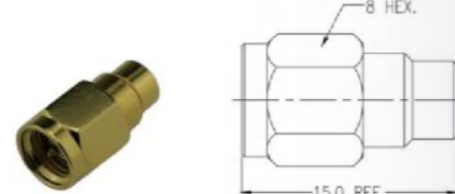
SLK P/N: 5MAF06S-SPF
Frequency: 18 Ghz

SMA male to SMA male adapter



SLK P/N: 5MAM06S-MAM
Frequency: 11 Ghz

SMA male to SMP male adapter

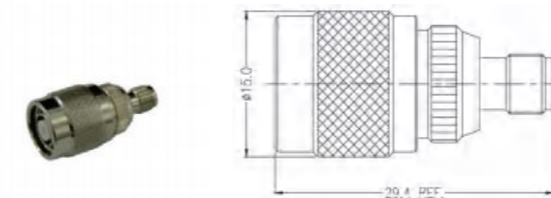


SLK P/N: 5MAM06S-SPM
Frequency: 6 Ghz

Adapter Series

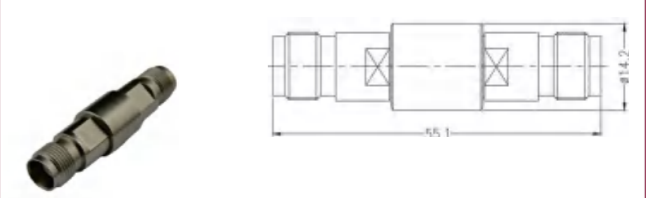
Adapter Series

R/P TNC male to SMA female adapter



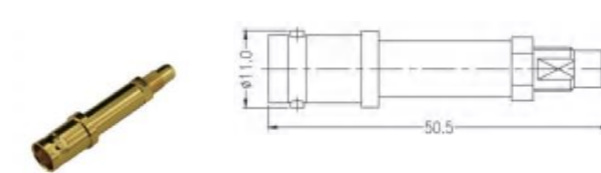
SLK P/N: 5MAF06S-RTCM
Frequency: 6 Ghz

TNC female to TNC female adapter



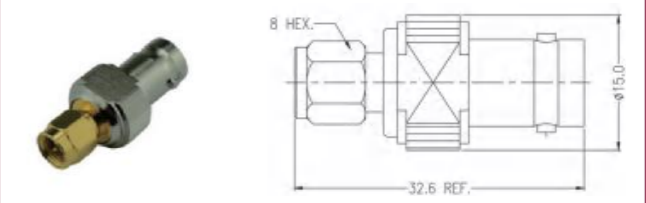
SLK P/N: 5TCF06S-TCF
Frequency: 18 Ghz

BNC female to BMA male adapter



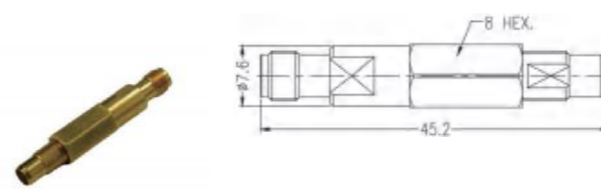
SLK P/N: 5BMM06S-BNF
Frequency: 6 Ghz

BNC female to SMA male adapter



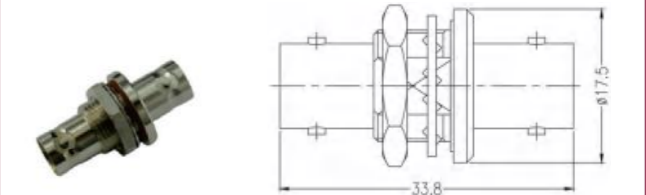
SLK P/N: 5BNF06S-MAM
Frequency: 6 Ghz

BMA male to SMA female adapter



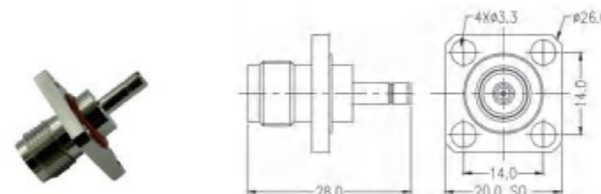
SLK P/N: 5BMM06S-MAF
Frequency: 18 Ghz

BNC female to BNC female adapter



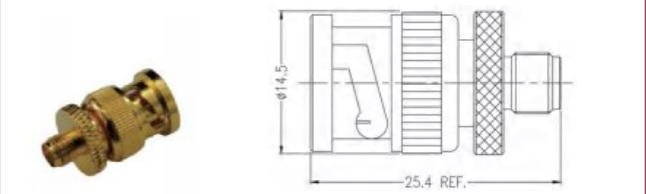
SLK P/N: 5BNF06S-BNF
Frequency: 4 Ghz

TNC female to SMB female adapter



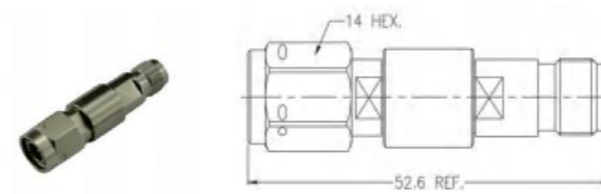
SLK P/N: 5MBF06S-TCF
Frequency: 2 Ghz

SMA female to BNC male adapter



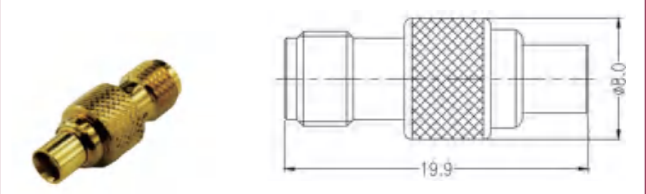
SLK P/N: 5BMM06S-MAF
Frequency: 6 Ghz

TNC female to TNC male adapter



SLK P/N: 5TCF06S-TCM
Frequency: 18 Ghz

SMA female to MCX female adapter

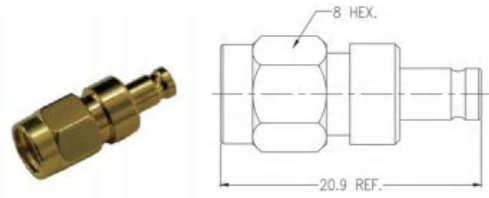


SLK P/N: 5MAF06S-MXF
Frequency: 6 Ghz

Adapter Series

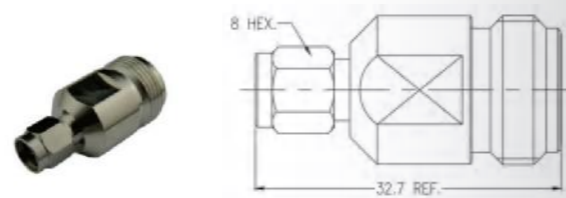
Adapter Series

SMA male to 1.0/2.3 female adapter



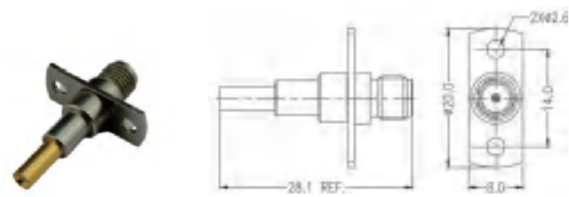
SLK P/N: 5A1F06S-MAM
Frequency: 4 Ghz

3.5mm male to N female adapter



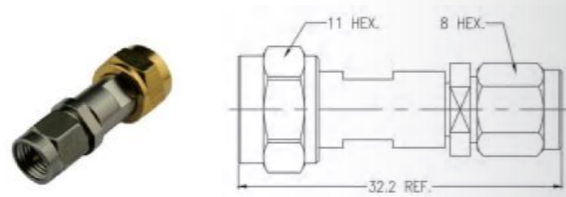
SLK P/N: 5NCF06S-P3M
Frequency: 18Ghz

SMA female Ms156 male adapter



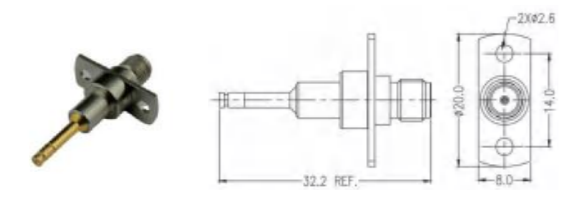
SLK P/N: 5EZM06S-MAF
Frequency: 6 Ghz

3.5mm male to BMA female adapter



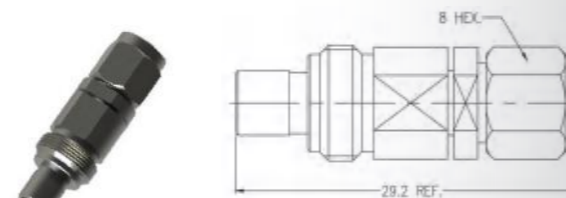
SLK P/N: 5BMF06S-P3M
Frequency: 18 Ghz

SMA female to MS180 male adapter



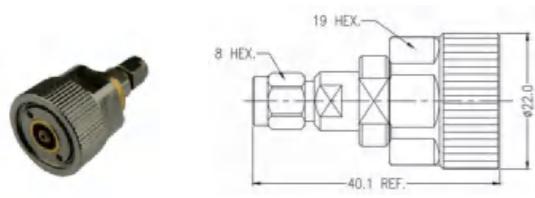
SLK P/N: 5EZM06S-MAF-001
Frequency: 6 Ghz

3.5mm male to BMA male adapter



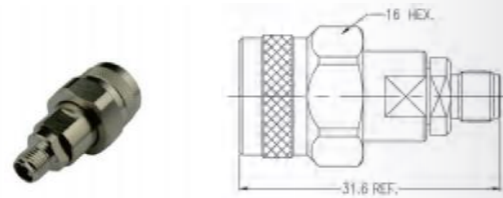
SLK P/N: 5P3M06S-BMM
Frequency: 18 Ghz

7mm to 3.5mm male adapter



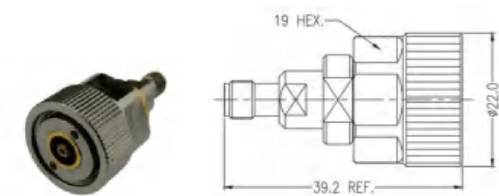
SLK P/N: 5P3M06S-P7M
Frequency: 18 Ghz

3.5mm female to TNC male adapter



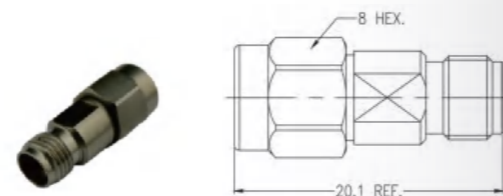
SLK P/N: 5TCM06S-P3F
Frequency: 6 GHz

7mm to 3.5mm female adapter



SLK P/N: 5P3F06S-P7F
Frequency: 18 Ghz

3.5mm female to 3.5mm male adapter

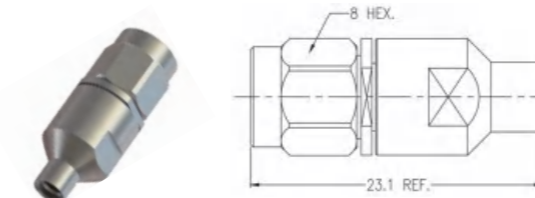


SLK P/N: 5P3F06S-P3M
Frequency: 26 GHz

Adapter Series

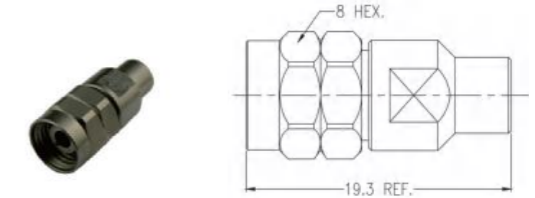
Adapter Series

2.92mm male to SMP male adapter



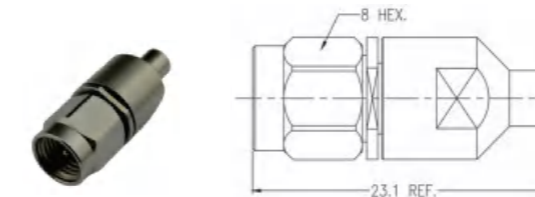
SLK P/N: 5P9M06S-SPM
Frequency: 18 Ghz

2.4mm male to SSMP male adapter



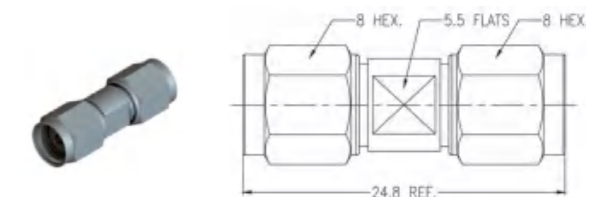
SLK P/N: 5MPM06S-P4M
Frequency: 50 Ghz

2.92mm male to SSMP male adapter



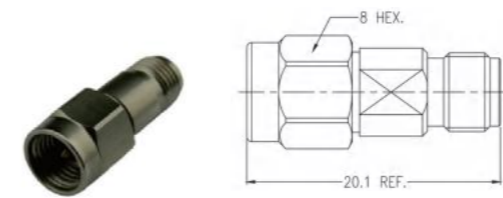
SLK P/N: 5MPM06S-P9M
Frequency: 40 Ghz

2.4mm male to 2.92mm male adapter



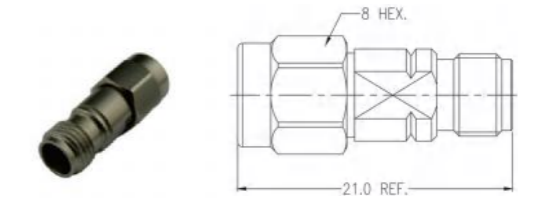
SLK P/N: 5P4M06S-P9M
Frequency: 40 Ghz

2.92mm male to 3.5mm female adapter



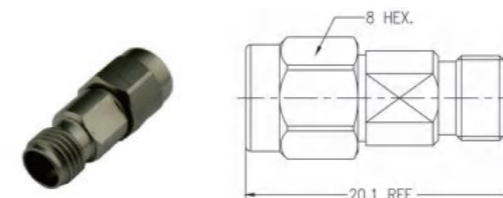
SLK P/N: 5P3F06S-P9M
Frequency: 26 Ghz

2.4mm female to 2.92mm male adapter



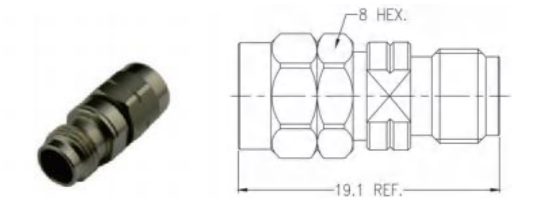
SLK P/N: 5P4F06S-P9M
Frequency: 40 Ghz

2.92mm female to 3.5mm male adapter



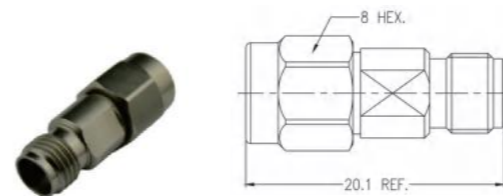
SLK P/N: 5P3M06S-P9F
Frequency: 26 Ghz

2.4mm female to 2.4mm male adapter



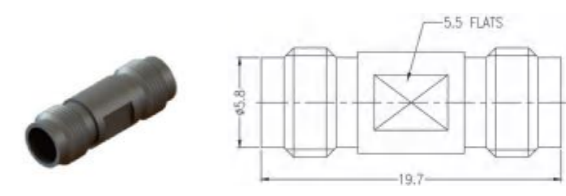
SLK P/N: 5P4F06S-P4M
Frequency: 26 GHz

2.92mm female to 2.92mm male adapter



SLK P/N: 5P9F06S-P9M
Frequency: 40 Ghz

1.85mm female to 1.85mm female adapter



SLK P/N: 5P1F06S-P1F
Frequency: 65 GHz

Adapter Series

Adapter Series

1.0mm female to 1.0mm female adapter

SLK P/N: T-5T1F06S-T1F
Frequency: 110 Ghz

1.0mm female to 1.0mm male adapter

SLK P/N: T-5T1F06S-T1M
Frequency: 110 Ghz

1.0mm male to 1.0mm male adapter

SLK P/N: T-5T1M06S-T1M
Frequency: 110 Ghz

1.35mm female to 1.0mm female adapter

SLK P/N: 5T1F06S-T2F
Frequency: 90 Ghz

1.35mm male to 1.0mm female adapter

SLK P/N: 5T1F06S-T2M
Frequency: 90 Ghz

1.35mm female to 1.0mm male adapter

SLK P/N: 5T1M06S-T2F
Frequency: 90 Ghz

1.35mm male to 1.0mm male adapter

SLK P/N: 5T1M06S-T2M
Frequency: 90 Ghz

1.35mm female to 1.35mm female adapter

SLK P/N: 5T2F06S-T2F
Frequency: 90 Ghz

1.35mm female to 1.35mm male adapter

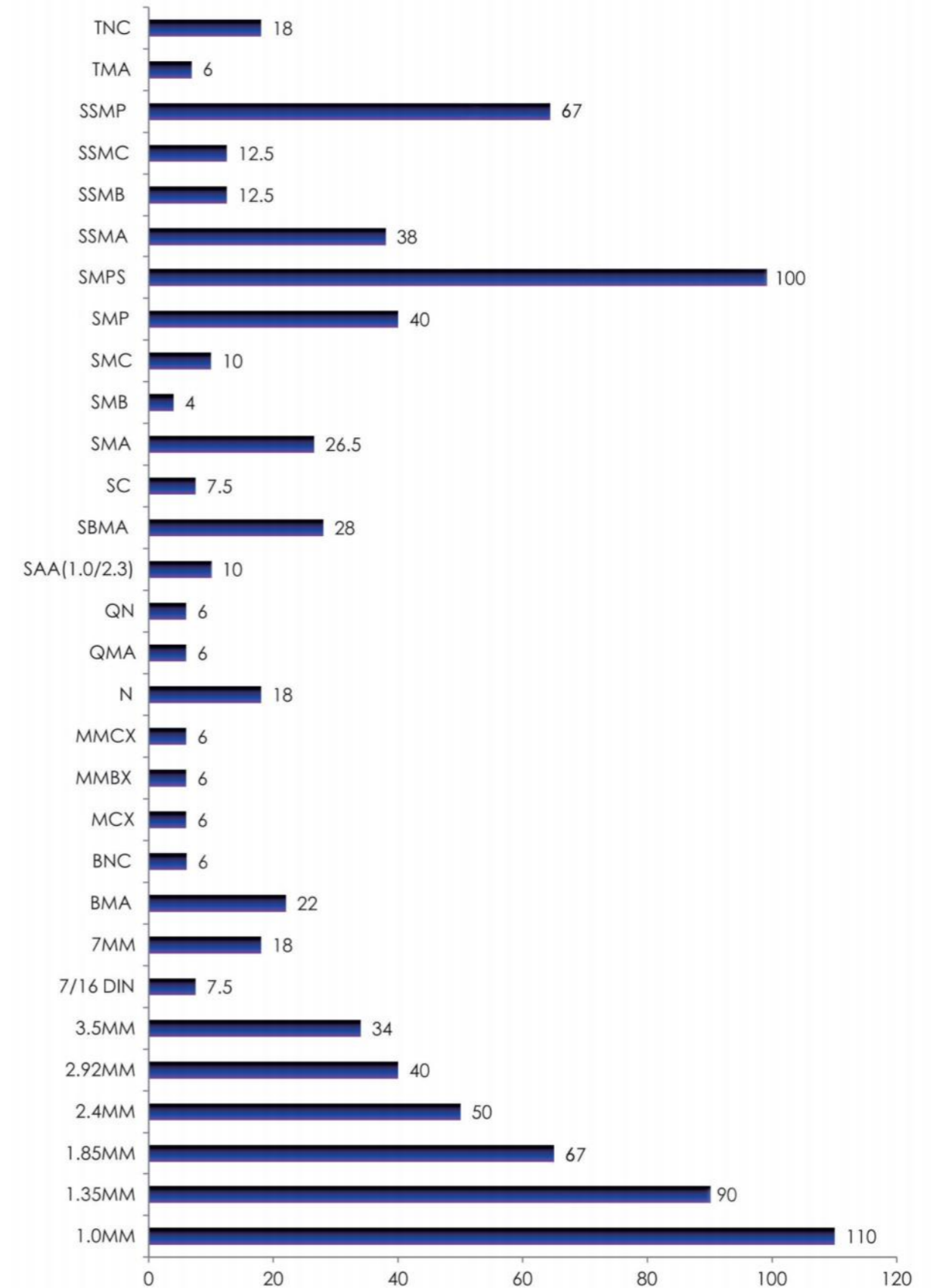
SLK P/N: 5T2F06S-T2M
Frequency: 90 Ghz

1.35mm male to 1.35mm male adapter

SLK P/N: 5T2M06S-T2M
Frequency: 90 Ghz

Coaxial Connector Frequency Table

Reference



Material Abbreviations

Reference

TLH series test result

AL	.....Aluminum
BC	.....Bare Copper
BeCu	.....Beryllium-Copper Alloy 172
BCCAl	.....Bare Copper Clad Aluminum
CCS	.....Bare Copper Clad Steel
GS	.....Galvanized Steel
HR	.....High Resistance Wire
MW	.....Magnet Wire
NC	.....Nickel Covered Copper
SA	.....Silver Covered Alloy
SC	.....Silver Covered Copper
SCBeCu	.....Silver Covered Beryllium Copper
SCCadBr	.....Silver Covered Cadmium Bronze
SCCAI	.....Silver Covered Copper Clad Aluminum
SCCS	.....Silver Covered Copper Clad Steel
SNCCS	.....Silver Covered Nickel Covered Copper Clad Steel
SCS	.....Silver Covered Copper Strip
TC	.....Tinned Copper
TCCS	.....Tinned Copper Clad Steel

TLH series test result

PE	.....Solid Low Density Polyethylene
PTFE	.....Solid Polytetrafluoroethylene
LDTFE	.....Low Density PTFE
Foam PE	.....Gas Injected Foam PE
FEP	.....Solid Fluorinated Ethylene Propylene
CPT	.....Conductive PTFE
CPE	.....Conductive Polyethylene

TLH series test result

E-CTFE	.....Ethylene Chlorotrifluoroethylene Type XI per MIL-C-17
ETFE	.....Ethylene Tetrafluoroethylene Copolymer Type X per MIL-C-17
FEP	.....Fluorinated Ethylene Propylene Type IX per MIN-C-17
FG Braid	.....Fiberglass; Impregnated Type V per MIL-C-17
PE	.....Clear Polyethylene Type III per MIL-C-17
LS/LT	.....Low Smoke/Low Toxicity (XLPE)
PE	.....Polyethylene, black HMW Type IIIA per MIL-C-17
PFA	.....Perfluoroalkoxy Type XIII per MIL-C-17
PTFE	.....Polytetrafluoroethylene Type VIIA per MIL-C-17
PUR	.....Polyurethane, black Type XII per MIL-C-17
PVC-I	.....Polyvinyl Chloride, black (contaminating) Type I per MIL-C-17
PVC-II	.....Polyvinyl Chloride, grey (non-contaminating) Type II per MIL-C-17
PVC-IIA	.....Polyvinyl Chloride, black (non-contaminating) Type IIA per MIL-C-17
Rubber	Per MIL-C-17 (obsolete)
SIL/DAC	.....Dacron Braid over Silicone Rubber Type VI per MIL-C-17
TPE	.....Thermo Plastic Elastomer
XLPE	.....Crosslinked Polyolefin Type XIV per MIL-C-17

Material abbreviations

Mechanical behavior

Symbol	Definition	Units	Symbol	Definition	Units
	= Attenuation in dB/100 feet	dB/100	Fco	= Cutoff frequency	Ghz
	= Dielectric constant	feet	C	= Braid carriers	
	= Reflection coefficient		N	= Braid ends per carrier	
	= Electrical length		t	= Flat strip thickness	inches
C	= capacitance	degrees	w	= Flat strip width	inches
L	= Inductance	pF/foot	SRL	= Return loss	dB
Zo	= Impedance	uH/foot	VSWR	= VSWR	
Vp	= Velocity of propagation	Ohms	FWD	= Forward power	dB
df	= Dissipation factor	%	RFL	= Reflected power	dB
Td	= Time delay		MML	= Mismatch loss	dB
F	= Frequency	nS/foot	ME	= Match efficiency	%
PTC	= Phase temperature coefficient	MHz	k ₂	= 1.0 for solid center conductor	
ΔT	= Change in temperature (t2 t0 t1)	ppm/C		= 0.939 for 7 strand center conductor	
LTH	= Length	C		= 0.97 for 19 strand center conductor	
Δ	= Change in electrical length (t1 to t2)	feet	log	= logarithm to base 10	
D	= dielectric diameter	degrees	ln	= logarithm to base e	
d	= center conductor diameter	inches	k ₂	= resistive loss constant	
ds	= Braid wire size	inches	k ₂	= dielectric loss constant	
Fbd	= Braid factor	inches			

Mixed Series Connector

Reference

Impedance (ohms)

$$Z_0 = 138 V_p \log \left(\frac{D}{d \cdot k_s} \right) = 60 V_p \ln \left(\frac{D}{d \cdot k_s} \right)$$

$$Z_0 = \frac{138}{\sqrt{\epsilon}} \log \left(\frac{D}{d \cdot k_s} \right) = \frac{60}{\sqrt{\epsilon}} \ln \left(\frac{D}{d \cdot k_s} \right)$$

$$Z_0 = \sqrt{L/C}$$

Electrical Length (degrees)

$$\Phi = \frac{360 \cdot F \cdot L_{TH}}{984 \cdot V_p}$$

$$\Phi = \frac{360 \cdot F \cdot L_{TH} \cdot \sqrt{\epsilon}}{984}$$

Impedance (ohms)

$$V_p = \frac{1}{\sqrt{\epsilon}} = \frac{1}{V_p^2}$$

Electrical Length (degrees)

$$PTC = \frac{\Delta\Phi \cdot 1 \times 10^6}{\Phi \cdot \Delta T}$$

Impedance (ohms)

$$T_d = \frac{1.016}{V_p} = 1.016 \sqrt{\epsilon}$$

Electrical Length (degrees)

$$\Delta\Phi = \frac{PTC \cdot \Phi \cdot \Delta T}{1 \times 10^6}$$

Impedance (ohms)

$$C = \frac{7.36\epsilon}{\log \left(\frac{D}{d \cdot k_s} \right)} = \frac{16.95\epsilon}{\ln \left(\frac{D}{d \cdot k_s} \right)}$$

$$C = \frac{7.36}{V_p^2 \log \left(\frac{D}{d \cdot k_s} \right)} = \frac{16.95}{V_p^2 \ln \left(\frac{D}{d \cdot k_s} \right)}$$

$$C = \frac{1016}{Z_0 \cdot V_p}$$

Electrical Length (degrees)

$$RL = -20 \log \Gamma$$

$$RL = -20 \log \frac{VSWR-1}{VSWR+1}$$

$$RL = -10 \log \frac{RFL}{FWD}$$

Impedance (ohms)

$$L = .140 \log \left(\frac{D}{d \cdot k_s} \right) = .0606 \ln \left(\frac{D}{d \cdot k_s} \right)$$

$$L = \frac{Z_0^2 \cdot C}{1 \times 10^6}$$

Electrical Length (degrees)

$$VSWR = \frac{1 + \Gamma}{1 - \Gamma}$$

$$VSWR = \frac{1 + 10^{RL/20}}{1 - 10^{RL/20}}$$

$$VSWR = \frac{1 + \sqrt{RFL/FWD}}{1 - \sqrt{RFL/FWD}}$$

Impedance (ohms)

$$\alpha = \frac{.4343}{Z_0 \cdot D} \left[\frac{D}{d \cdot k_s} + Fbd \right] \sqrt{F} + \frac{2.78 \cdot df \cdot F}{V_p}$$

$$\alpha = k_1 \sqrt{F} + k_2 F$$

Electrical Length (degrees)

$$\Gamma = 10^{-RL/20}$$

$$\Gamma = \frac{VSWR - 1}{VSWR + 1}$$

$$\Gamma = \sqrt{RFL/FWD}$$

Impedance (ohms)

Round Wire Braid: $Fbd = \frac{8D + 16 ds}{C \cdot N \cdot ds}$

Flat Strip Braid: $Fbd = \frac{2\pi(D + 2t)}{C \cdot W}$

Solid Tube: $Fbd = 1.0$

Electrical Length (degrees)

$$ME = (1 - \Gamma^2) \cdot 100$$

$$ME = \left[1 - \left(\frac{VSWR - 1}{VSWR + 1} \right)^2 \right] \cdot 100$$

$$ME = \left(\frac{FWD - RFL}{FWD} \right) \cdot 100$$

Impedance (ohms)

$$Fco = \frac{7.5 \cdot V_p}{(D + (d \cdot k_s))}$$

$$Fco = \frac{7.5}{\sqrt{\epsilon} (D + (d \cdot k_s))}$$

Electrical Length (degrees)

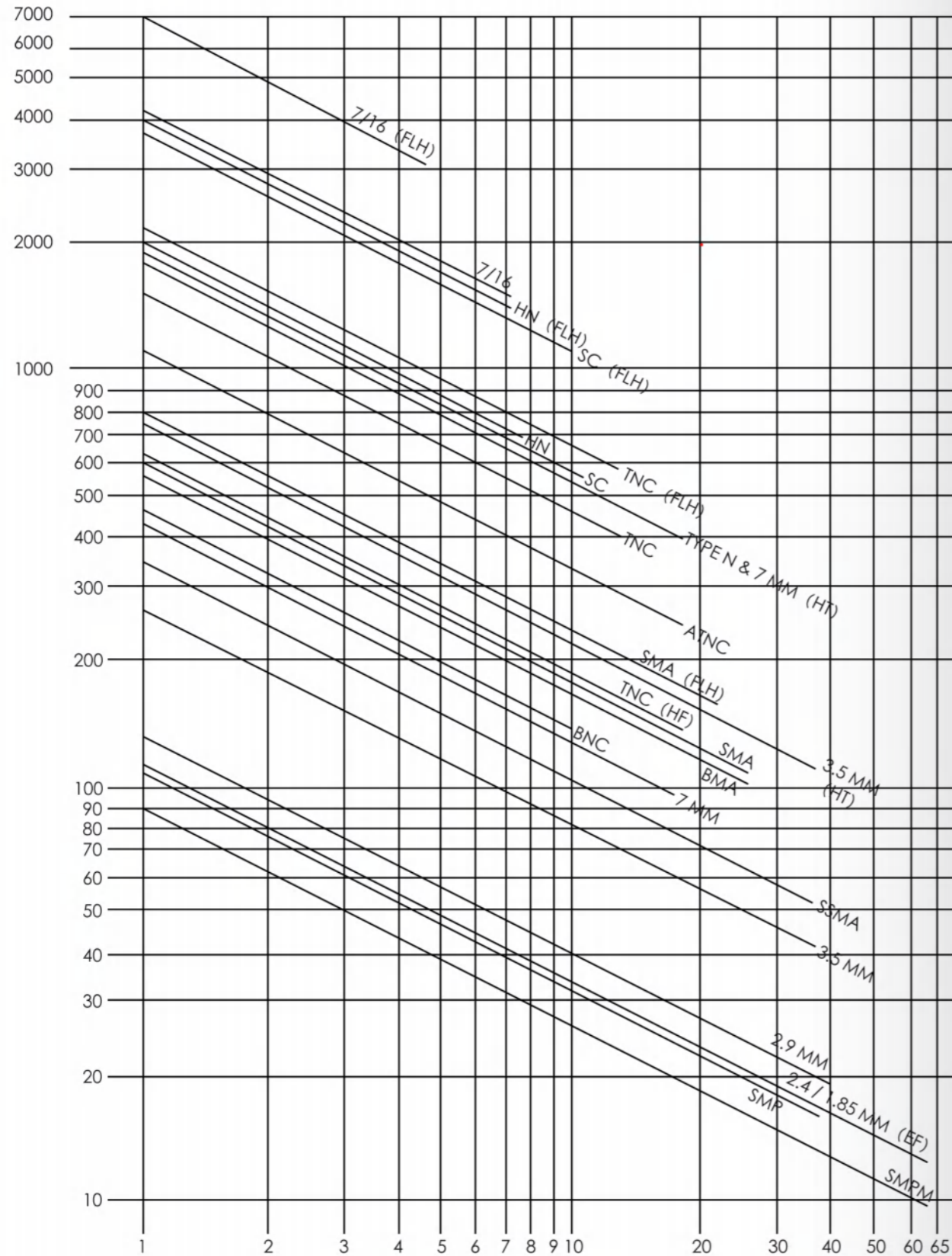
$$MML = -10 \log (1 - \Gamma^2)$$

$$MML = -10 \log \left[1 - \left(\frac{VSWR - 1}{VSWR + 1} \right)^2 \right]$$

$$MML = -10 \log \left(1 - \frac{RFL}{FWD} \right)$$

RF Connector Average Power

Reference



Adapter Series

Reference

VSWR	Return Loss(dB)	Reflection Coefficient	Mismatch Loss(dB)	Match Efficiency (%)	VSWR	Return Loss(dB)	Reflection Coefficient	Mismatch Loss(dB)	Match Efficiency (%)
1.01	46.06	0.0050	0.000	100.00	1.55	13.32	0.2157	0.207	95.35
1.02	40.09	0.0099	0.000	99.99	1.60	12.74	0.2308	0.238	94.67
1.03	36.61	0.0148	0.001	99.98	1.65	12.21	0.2453	0.270	93.98
1.04	34.15	0.0196	0.002	99.96	1.70	11.73	0.2593	0.302	93.28
1.05	32.26	0.0244	0.003	99.94	1.75	11.29	0.2727	0.336	92.56
1.06	30.71	0.0291	0.004	99.92	1.80	10.88	0.2857	0.370	91.84
1.07	29.42	0.0338	0.005	99.89	1.85	10.51	0.2982	0.405	91.10
1.08	28.30	0.0385	0.007	99.85	1.90	10.16	0.3103	0.440	90.37
1.09	27.32	0.0431	0.008	99.81	1.95	9.84	0.3220	0.475	89.63
1.10	26.44	0.0476	0.010	99.77	2.00	9.54	0.3333	0.511	88.89
1.11	25.66	0.0521	0.012	99.73	2.10	9.00	0.3548	0.584	87.41
1.12	24.94	0.0566	0.014	99.68	2.20	8.52	0.3750	0.658	85.94
1.13	24.29	0.0610	0.016	99.63	2.30	8.09	0.3939	0.732	84.48
1.14	23.69	0.0654	0.019	99.57	2.40	7.71	0.4118	0.807	83.04
1.15	23.13	0.0698	0.021	99.51	2.50	7.36	0.4286	0.882	81.63
1.16	22.61	0.0741	0.024	99.45	2.60	7.04	0.4444	0.956	80.25
1.17	22.12	0.0783	0.027	99.39	2.70	6.76	0.4595	1.030	78.89
1.18	21.66	0.0826	0.030	99.32	2.80	6.49	0.4737	1.104	77.56
1.19	21.23	0.0868	0.033	99.25	2.90	6.25	0.4872	1.176	76.27
1.20	20.83	0.0909	0.036	99.17	3.00	6.02	0.5000	1.249	75.00
1.21	20.44	0.0950	0.039	99.10	3.10	5.81	0.5122	1.321	73.77
1.22	20.08	0.0991	0.043	99.02	3.20	5.62	0.5238	1.393	72.56
1.23	19.73	0.1031	0.046	98.94	3.30	5.43	0.5349	1.464	71.39
1.24	19.40	0.1071	0.050	98.85	3.40	5.26	0.5455	1.534	70.25
1.25	19.08	0.1111	0.054	98.77	3.50	5.11	0.5556	1.603	69.14
1.26	18.78	0.1150	0.058	98.68	3.60	4.96	0.5652	1.672	68.05
1.27	18.49	0.1189	0.062	98.59	3.70	4.81	0.5745	1.739	67.00
1.28	18.22	0.1228	0.066	98.49	3.80	4.68	0.5833	1.807	65.97
1.29	17.95	0.1266	0.070	98.40	3.90	4.56	0.5918	1.873	64.97
1.30	17.69	0.1304	0.074	98.30	4.00	4.44	0.6000	1.938	64.00
1.31	17.45	0.1342	0.079	98.20	4.10	4.32	0.6078	2.003	63.05
1.32	17.21	0.1379	0.083	98.10	4.20	4.22	0.6154	2.067	62.13
1.33	16.98	0.1416	0.088	97.99	4.30	4.12	0.6226	2.130	61.23
1.34	16.75	0.1453	0.093	97.89	4.40	4.02	0.6296	2.193	60.36
1.35	16.54	0.1489	0.097	97.78	4.50	3.93	0.6364	2.255	59.50
1.36	16.33	0.1525	0.102	97.67	4.60	3.84	0.6429	2.316	58.67
1.37	16.13	0.1561	0.107	97.56	4.70	3.75	0.6491	2.376	57.86
1.38	15.94	0.1597	0.112	97.45	4.80	3.67	0.6552	2.436	57.07
1.39	15.75	0.1632	0.117	97.34	4.90	3.60	0.6610	2.494	56.31
1.40	15.56	0.1667	0.122	97.22	5.00	3.52	0.6667	2.552	55.56
1.41	15.38	0.1701	0.127	97.11	5.10	3.45	0.6721	2.611	54.82
1.42	15.21	0.1736	0.133	96.99	5.20	3.38	0.6774	2.667	54.11
1.43	15.04	0.1770	0.138	96.87	5.30	3.32	0.6825	2.724	53.41
1.44	14.88	0.1803	0.143	96.75	5.40	3.25	0.6875	2.779	52.73
1.45	14.72	0.1837	0.149	96.63	5.50	3.19	0.6923	2.834	52.07
1.46	14.56	0.1870	0.155	96.50	5.60	3.14	0.6970	2.889	51.42
1.47	14.41	0.1903	0.160	96.38	5.70	3.08	0.7015	2.942	50.79
1.48	14.26	0.1935	0.166	96.25	5.80	3.03	0.7059	2.996	50.17
1.49	14.12	0.1968	0.171	96.13	5.90	2.97	0.7101	3.048	49.57
1.50	13.98	0.2000	0.177	96.00	6.00	2.92	0.7143	3.100	48.98