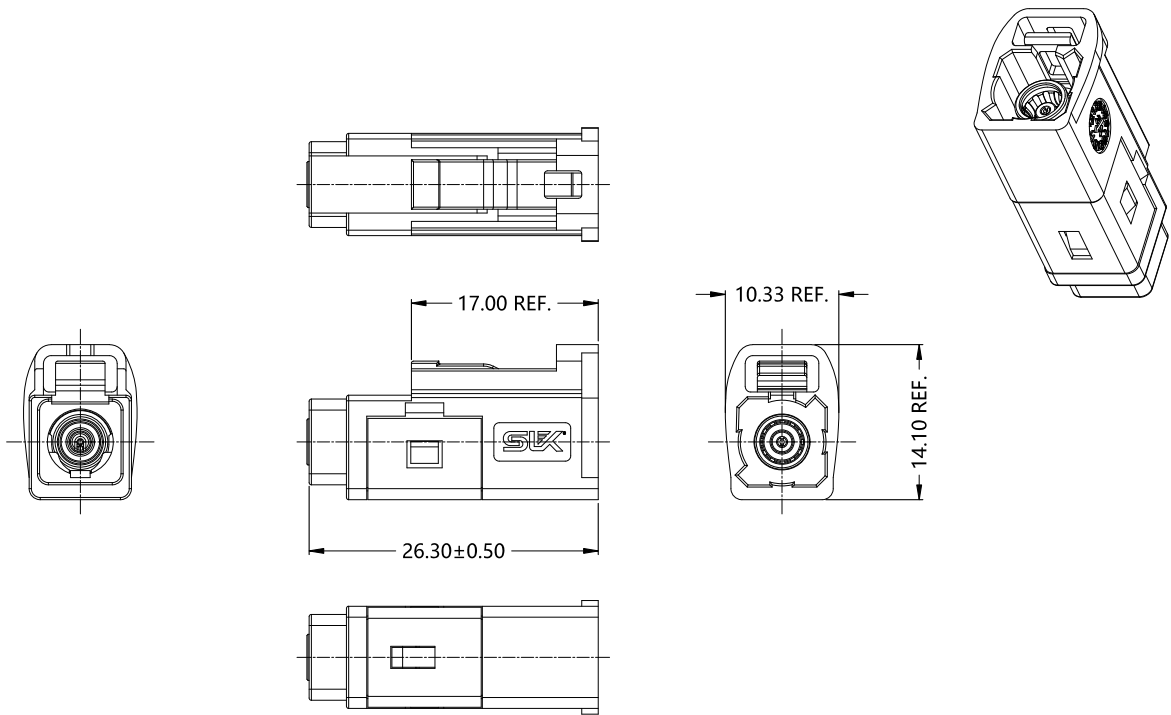


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Ming	2023-10-24



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES	
PART TYPE	PART NAME	MATERIALS	PLATING
FAKRA S/T FEMALE	HOUSING	NYLON PA66	N/A
	COVER	NYLON PA66	N/A
	BODY	BRASS	PL.ZINC/COPPER
	CONTACT PIN	PHOSPHOR BRONZE	PL.GOLD/NICKEL/COPPER
	INSULATOR	NYLON PA66	N/A
	FERRULE	BRASS	PL.NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 6GHz
DIELECTRIC WITHSTANDING VOLTAGE	>800 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>1000 MΩ
INSERTION LOSS	<0.15 \sqrt{f} dB
VSWR	<1.3 @DC~2GHz <1.5 @2~3GHz <1.6 @3~6GHz

MECHANICAL CHARACTERISTICS	
MATING FORCE	≤25N
DISENGAGEMENT FORCE	≥3N
CONNECTOR DISENGAGE WITH LOCK	≥110N
UNMATING FORCE WITH LOCK DISENGAGED	≤ 70 N
Durability	>100cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C~+105 °C

CUSTOMER OUTLINE DRAWING

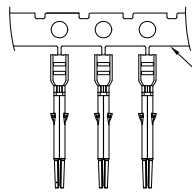
UNLESS OTHERWISE SPECIFIED: 1) EDGES : N/A ; 2) REMOVE ALL BURRS : N/A ; 3) SURFACE ROUGHNESS : N/A ; 4) UNITS : mm ; 5) DIMENSIONS TOLERANCES DECIMALS : .x ±5, .xx ±2, .xxx±1; ANGLES : ±10°.	THIRD ANGLE PROJECTION			
	APPROVED :	CUSTOMER P/N :		TITLE : FAKRA FEMALE S/T FOR RG174 CABLE
	CHECKED :	SCALE :	3 : 2	DRAWING NO. : 5FKF1*S-A02-101
	DRAWING :	DATE :	2023-10-24	COMPANY WEBSITE : www.slkcorp.com
		PAGE : 1/2		

REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Ming	2023-10-24

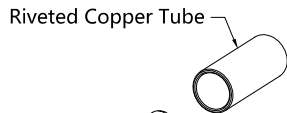


ALL PARTS MUST MEET TO RoHS REQUIREMENTS

CRIMPED FERRULE SIZE .133" HEX.



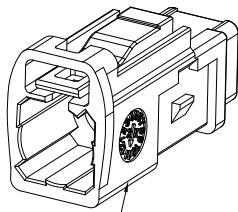
Terminal



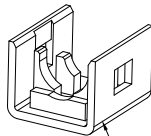
Riveted Copper Tube



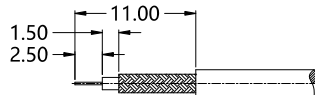
Formed Center Contact



Plastic Housing

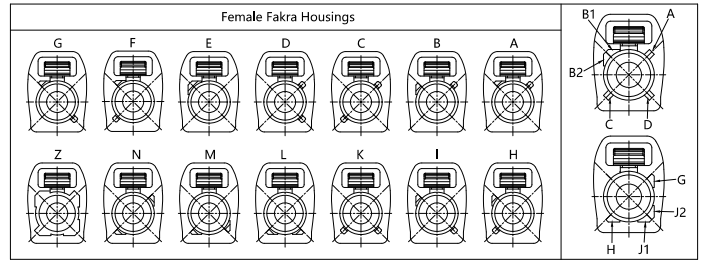


Inner stopper



1.50
2.50

RECOMMENDED CABLE STRIPPING DIM'S



ENCODING LIST

KEY POSITION COMBINATION AND COLOR NUMBER					
CONNECTOR P/N	CODE	HOUSING P/N	KEYWAY FIT	COLOUR	COLOR NUMBER
5FKF1AS-A02-101	A	BDFK035A-A/NL	A-B1	Deep Black	● RAL 9005
5FKF1BS-A02-101	B	BDFK035A-B/NL	A-B2	Signal White	● RAL 9001
5FKF1CS-A02-101	C	BDFK035A-C/NL	A-C	Signal Blue	● RAL 5005
5FKF1DS-A02-101	D	BDFK035A-D/NL	A-D	Bordeaux Violet	● RAL 4004
5FKF1ES-A02-101	E	BDFK035A-E/NL	B1-B2	Leaf Green	● RAL 6002
5FKF1FS-A02-101	F	BDFK035A-F/NL	B1-C	Brown	● RAL 8011
5FKF1GS-A02-101	G	BDFK035A-G/NL	B1-D	Blue Grey	● RAL 7031
5FKF1HS-A02-101	H	BDFK035A-H/NL	B2-C	Heather Violet	● RAL 4003
5FKF1IS-A02-101	I	BDFK035A-I/NL	B2-D	Beige	● RAL 1001
5FKF1KS-A02-101	K	BDFK035A-K/NL	C-D	Curry Yellow	● RAL 1027
5FKF1LS-A02-101	L	BDFK035A-L/NL	J1-H	Carmin-red	● RAL 3002
5FKF1MS-A02-101	M	BDFK035A-M/NL	J2-H	Pastel orange	● RAL 2003
5FKF1NS-A02-101	N	BDFK035A-N/NL	G-H	Pastel green	● RAL 6019
5FKF1ZS-A02-101	Z	BDFK035A-Z/NL	N/A	Water Blue	● RAL 5021

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 3) SURFACE ROUGHNESS : N/A ;
 4) UNITS : mm ;
 5) DIMENSIONS TOLERANCES
 DECIMALS : .x ±5, .xx ±2, .xxx ±1;
 ANGLES : ±10°.

THIRD ANGLE PROJECTION	
APPROVED :	CUSTOMER P/N :
CHECKED :	SCALE :
DRAWING :	DATE :
PAGE : 2/2	

TITLE : FAKRA FEMALE S/T FOR RG174 CABLE
 DRAWING NO. : 5FKF1*S-A02-101
 COMPANY WEBSITE : www.slkcorp.com