
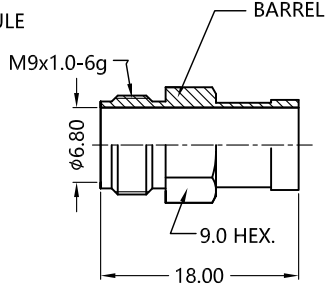
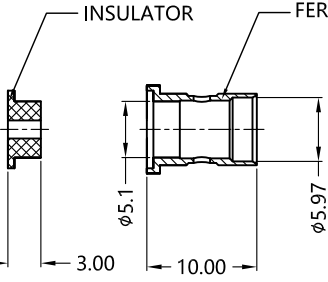
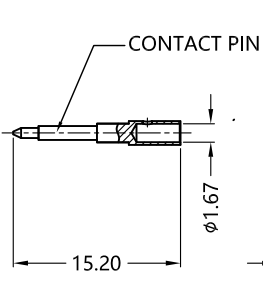
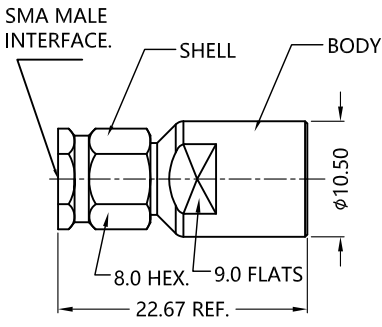
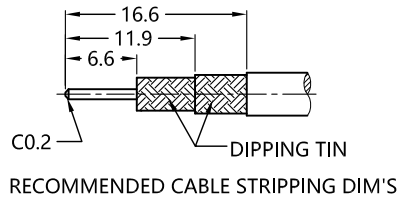


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
1	NEW FRAME	N/A	JING	2020-07-31	

REMARKS:
 1. ADDS SIZE:12.3mm
 2. CONTACT PIN TO SOLDER



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY/SHELL	STAINLESS STEEL	PASSIVATION
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	Be-Cu C17300	GOLD 50u"/NICKEL/COPPER
BARREL	STAINLESS STEEL	PASSIVATION
FERRULE	BRASS	GOLD 10u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	175 V(rms)
FREQUENCY RANGE	0 ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>500 V
CONTACT RESISTANCE	CENTER CONTACT <math><3.0\text{ m}\Omega</math>
	OUTER CONTACT <math><2.0\text{ m}\Omega</math>
INSULATION RESISTANCE	>5000 M Ω
INSERTION LOSS	<math><0.05 \times \sqrt{F(\text{GHz})}\text{ dB}</math>
RF-LEAKAGE	N/A
VSWR	<1.30
3RD INTERMODULATION	N/A

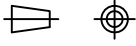
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	N/A
RECOMMENDED COUPLING TORQUE	7-10 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 $^{\circ}\text{C}$ ~ +125 $^{\circ}\text{C}$

CUSTOMER OUTLINE DRAWING

*** CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED:
 1) EDGES : C0.15 MAX ;
 2) REMOVE ALL BURRS ;
 3) SURFACE ROUGHNESS : Ra1.6 ;
 4) UNITS : mm ;
 5) DIMENSIONS TOLERANCES
 DECIMALS : .x ± 0.3 .xx ± 0.2 .xxx ± 0.1 ;
 ANGLES : $\pm 5^{\circ}$.

THIRD ANGLE PROJECTION		
APPROVED :	CUSTOMER P/N :	
CHECKED :	SCALE :	
DRAWING :	DATE :	
JING	2020-07-31	
	PAGE : 1/1	



TITLE : SMA MALE S/T SOLDER FOR H
SFT-304 CABLE, 50 Ω

DRAWING NO. :
5MAM15S-A71-002

COMPANY WEBSITE : www.slkcorp.com