
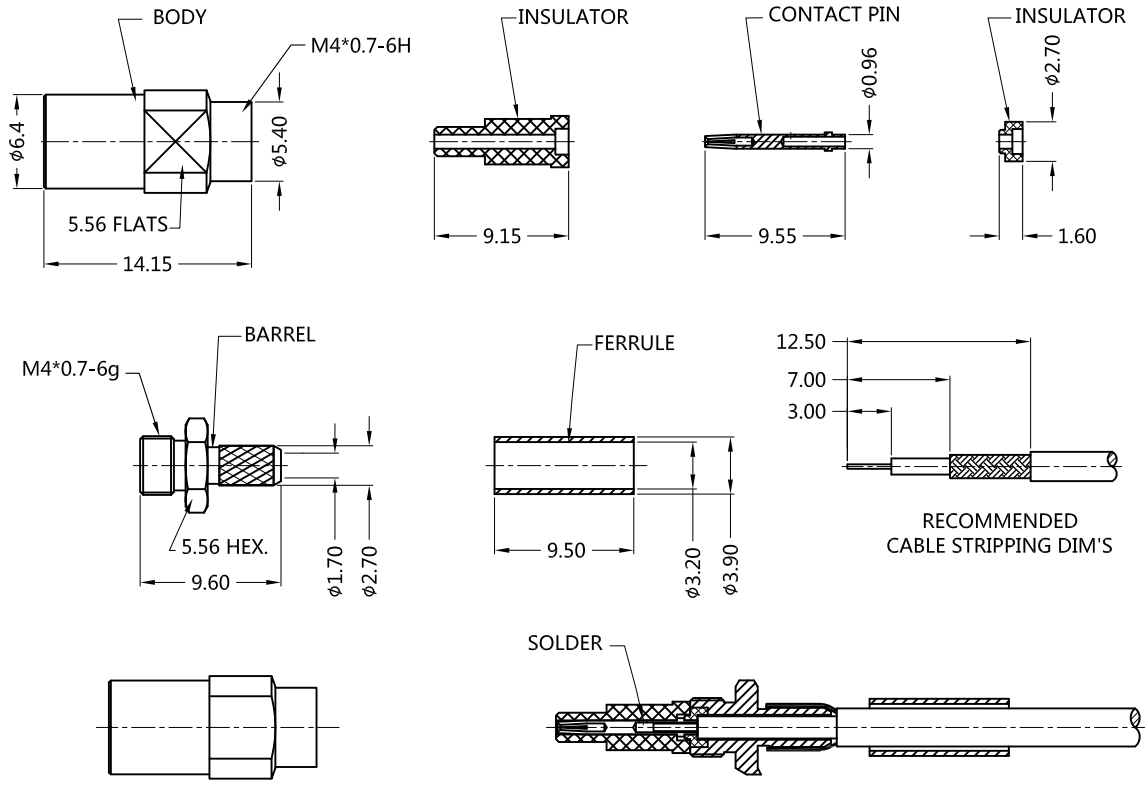


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
A1	Updated the drawing	N/A	LU	2019-04-10	
A2	NEW FRAME	N/A	LEI CHAO	2020-07-01	

REMARKS:

1. CRIMPED FERRULE HEX. CRIMP SIZE .128"



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 3 u"/NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	Be-Cu C17300	GOLD 10 u"/NICKEL/COPPER
BARREL	BRASS C3604	GOLD 3 u"/NICKEL/COPPER
OUT CONTACT	BRASS C3604	GOLD 3 u"/NICKEL/COPPER
FERRULE	BRASS C3604	GOLD 3 u"/NICKEL/COPPER
RING	Be-Cu C17300	GOLD 3 u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 4 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>750 V
CONTACT RESISTANCE	CENTER CONTACT <6.0 mΩ
	OUTER CONTACT <1.0 mΩ
INSULATION RESISTANCE	>1000 MΩ
VSWR	< 1.35

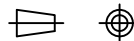
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 4 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-65 °C ~ +165 °C
LOW PRESSURE	US MIL- STD 202, Meth. 105, Cond. C
COMBINED CLIMATE TESTS	US MIL- STD 202, Meth. 102, Cond. C
THERMAL SHOCK	US MIL- STD 202, Meth. 107, Cond. B
CORROSION SALT SPRAY	US MIL- STD 202, Meth. 101, Cond. B,5%
HIGH TEMPERATURE TEST	US MIL- STD 202, Meth. 108
SHOCKS	US MIL- STD 202, Meth. 213, Cond. B

* 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 : ± 5°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

2 : 1

DRAWING :

DATE : 2020-07-01

PAGE : 1/1



TITLE : SMB MALE S/T CRIMP FOR RG316/U, RG174/U CABLE , 50 Ω

DRAWING NO. : 5MBM11S-A02-004

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING