

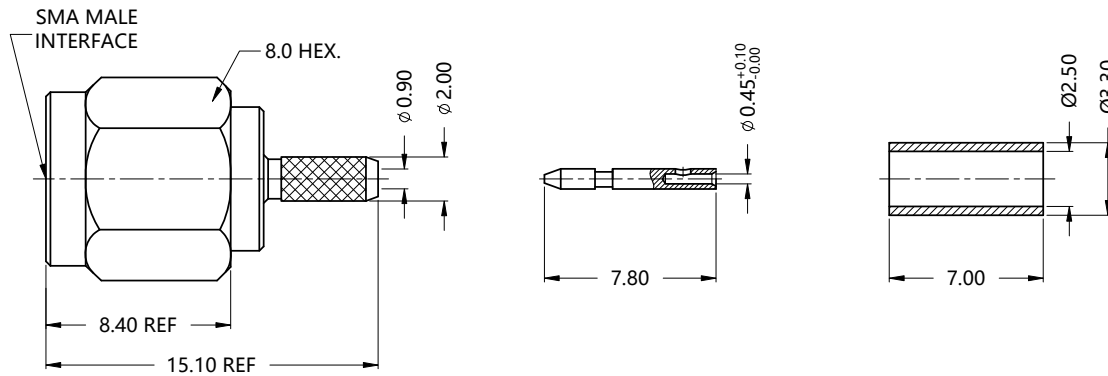
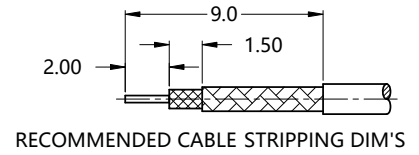
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	SYH	2021-01-27
1	REMOVE THE HEAT SHRINK TUBE	N/A	LEI CHAO	2021-04-12



ALL PARTS MUST MEET TO RoHS REQUIREMENTS

NOTES:

- CONTACT PIN TO SOLDER
- FERRULE CRIMP SIZE 2.85mm (.112") HEX.



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 5u" /NICKEL /COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BRASS C3604	GOLD 10u" /NICKEL /COPPER
SHELL	BRASS C3604	GOLD 3u" /NICKEL /COPPER
FERRULE	BRASS	GOLD 3u" /NICKEL /COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE	50 Ω	
VOLTAGE RATING	175V(rms)	
FREQUENCY RANGE	DC ~ 6 GHz	
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V	
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE	> 5000 MΩ	
INSERTION LOSS	N/A	
VSWR	< 1.30	
3RD INTERMODULATION	N/A	

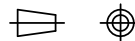
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	N/A
RECOMMENDED COUPLING TORQUE	7 ~ 10 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55 °C~+125 °C
Relative Humidity	MIL-STD-202,Method 106
Vibration	MIL-STD-202,Method 204,Cond D
Shock	MIL-STD-202,Method 213,Cond I
Corrosion	MIL-STD-202,Method 101,Cond B

* CUSTOMER OUTLINE DRAWING

- UNLESS OTHERWISE SPECIFIED:
- EDGES : C0.15 MAX ;
 - REMOVE ALL BURRS ;
 - SURFACE ROUGHNESS : Ra1.6 ;
 - UNITS : mm ;
 - DIMENSIONS TOLERANCES
DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1;
ANGLES : ± 5°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

3: 1

DRAWING :

DATE : 2021-04-12

PAGE : 1/1



TITLE : SMA MALE S/T
CRIMP FOR RG178 CABLE,50Ω

DRAWING NO. :
5MAM11S-A03-011

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING