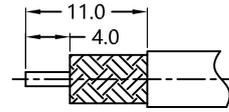


REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	UPDATE RING SIZE	N/A	YY	2013-12-17
2	NEW FRAME	N/A	JING	2020-07-24

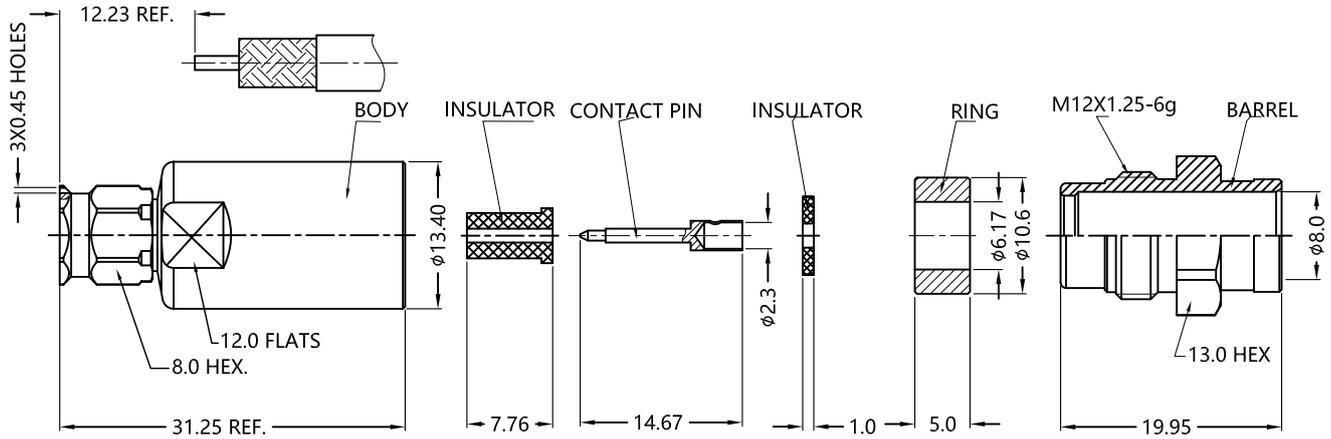


ALL PARTS MUST MEET TO RoHS REQUIREMENTS

REMARKS:  
1.ADDS SIZE:12.33mm  
2.CONTACT PIN TO SOLDER



RECOMMENDED CABLE STRIPPING DIM'S



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
GASKET	SILICONE	N/A
BARREL	STAINLESS STEEL	PASSIVATION

ELECTRICAL CHARACTERISTICS		
IMPEDANCE	50 Ω	
VOLTAGE RATING	250 V(rms)	
FREQUENCY RANGE	0 ~ 18 GHz	
DIELECTRIC WITHSTANDING VOLTAGE	>750 V	
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE	>5000 MΩ	
INSERTION LOSS	0.05x√F(GHZ) dB	
RF-LEAKAGE	N/A	
VSWR	<1.30	

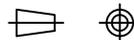
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	N/A
RECOMMENDED COUPLING TORQUE	7-10 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>1000 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °C
RELATIVE HUMIDITY	MIL- STD 202, Meth. 106
VIBRATION	MIL- STD 202, Meth. 204, Cond. D
SHOCK	MIL- STD 202, Meth. 213, Cond. I
THERMAL SHOCK	MIL-STD-202, Meth. 107, 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 :
DRAWING :	DATE :
JING	2020-07-24
	PAGE : 1/1



TITLE : SMA MALE S/T SOLDER FOR MG-300 CABLE, 50Ω  
DRAWING NO. : 5MAM14S-A279-002  
COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING