

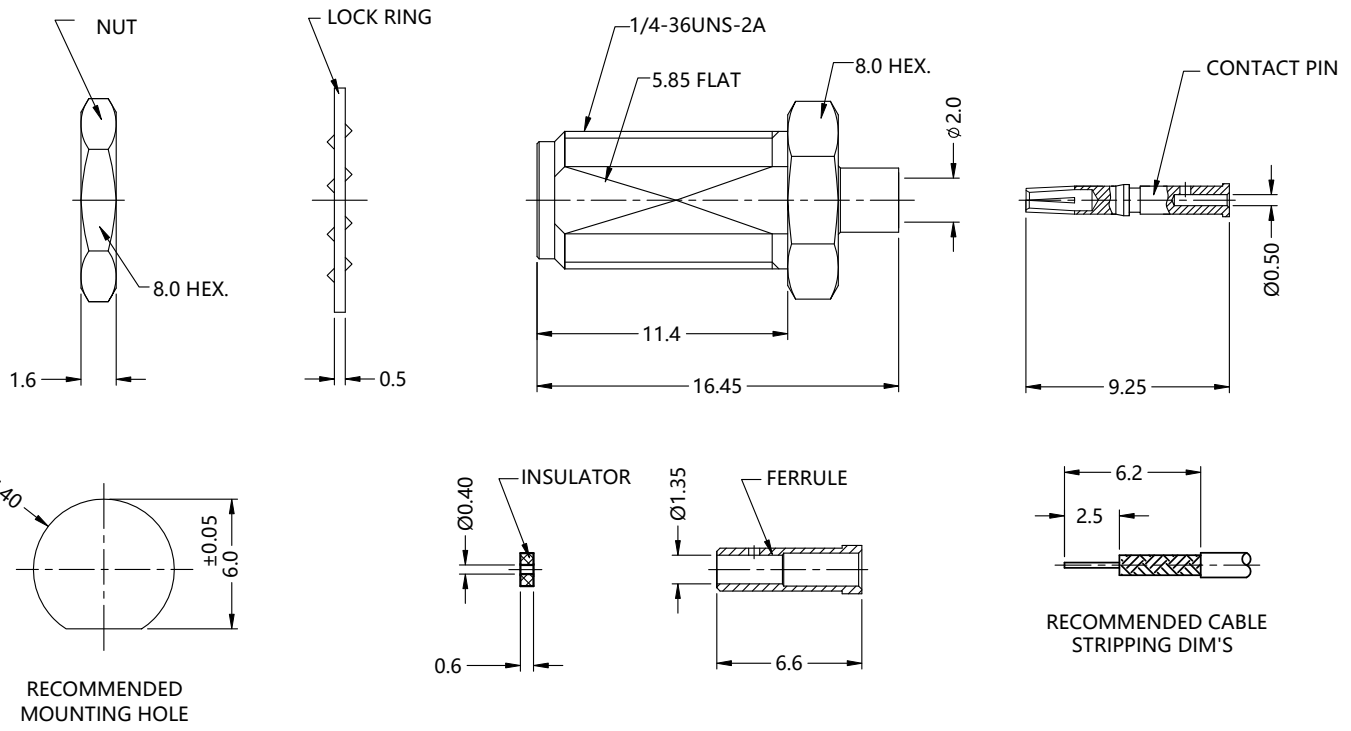
REV.	DESCRIPTION	ECN NO.	NAME	DATE				
0	FIRST EDITION	N/A	Liu	2021-04-27				



ALL PARTS MUST MEET TO RoHS REQUIREMENTS

NOTES:

1. BARREL CRIMP SIZE .100" HEX.
2. CONTACT PIN & FERRULE TO SOLDER
3. ADDS SIZE:9.4mm



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

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335 V(rms)
FREQUENCY RANGE	0 ~ 12 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	> 5000 MΩ
INSERTION LOSS	N/A
VSWR	< 1.4
3RD INTERMODULATION	N/A

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

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °C
CORROSION	MIL- STD 202, Meth. 101, Cond. B
VIBRATION	MIL- STD 202, Meth. 204, Cond. D
SHOCK	MIL- STD 202, Meth. 213, Cond. I

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 :	2021-04-27
PAGE : 1/1		

TITLE : SMA FEMALE S/T  
SOLDER FOR Ø1.37 CABLE ,50Ω

DRAWING NO. : 5MAF15S-A72-012

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING