
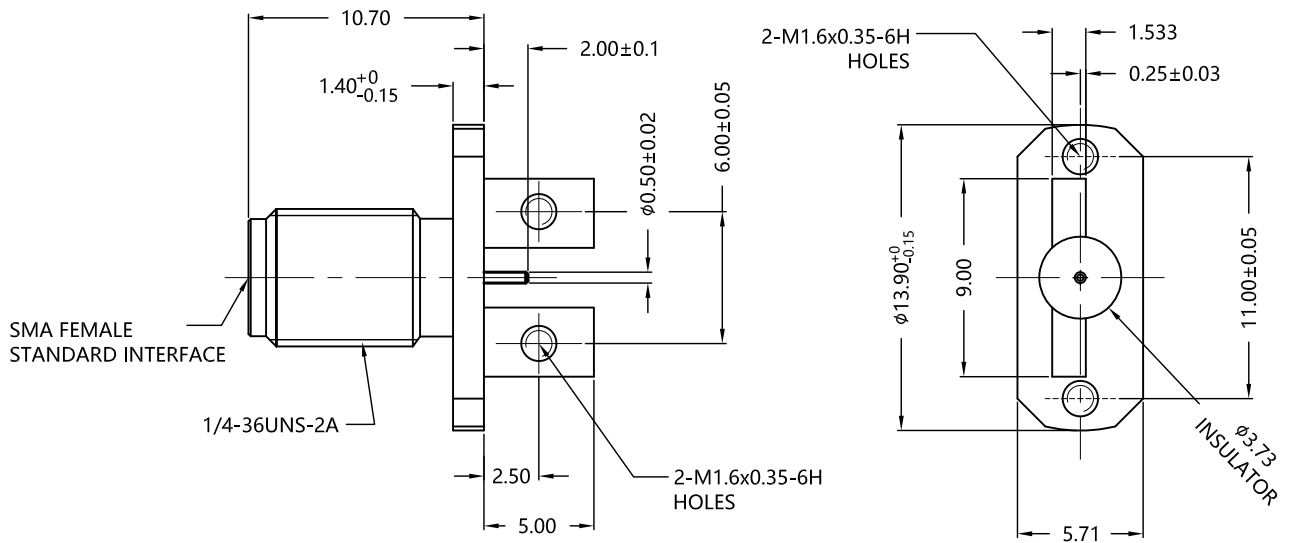


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0-1	FIRST EDITION	N/A	WYJ	2015-10-19	
2	UPDATE THE DRAWING	N/A	PY	2020-06-20	



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	STAINLESS STEEL	PASSIVATION
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BERYLLIUM COPPER	GOLD 50u"MIN/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335 V(rms)
FREQUENCY RANGE	DC ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	< 0.05x√F(GHz) dB
VSWR	< 1.25@DC ~ 18 GHz
3RD INTERMODULATION	N/A

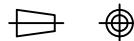
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	>6 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>500cycles

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:  
 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 :

1 : 1

DRAWING :

DATE : 2020-06-20

PAGE : 1/1



TITLE : SMA FEMALE S/T FOR PCB END LAUNCH

DRAWING NO. : 5MAF25S-P21-001

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING