
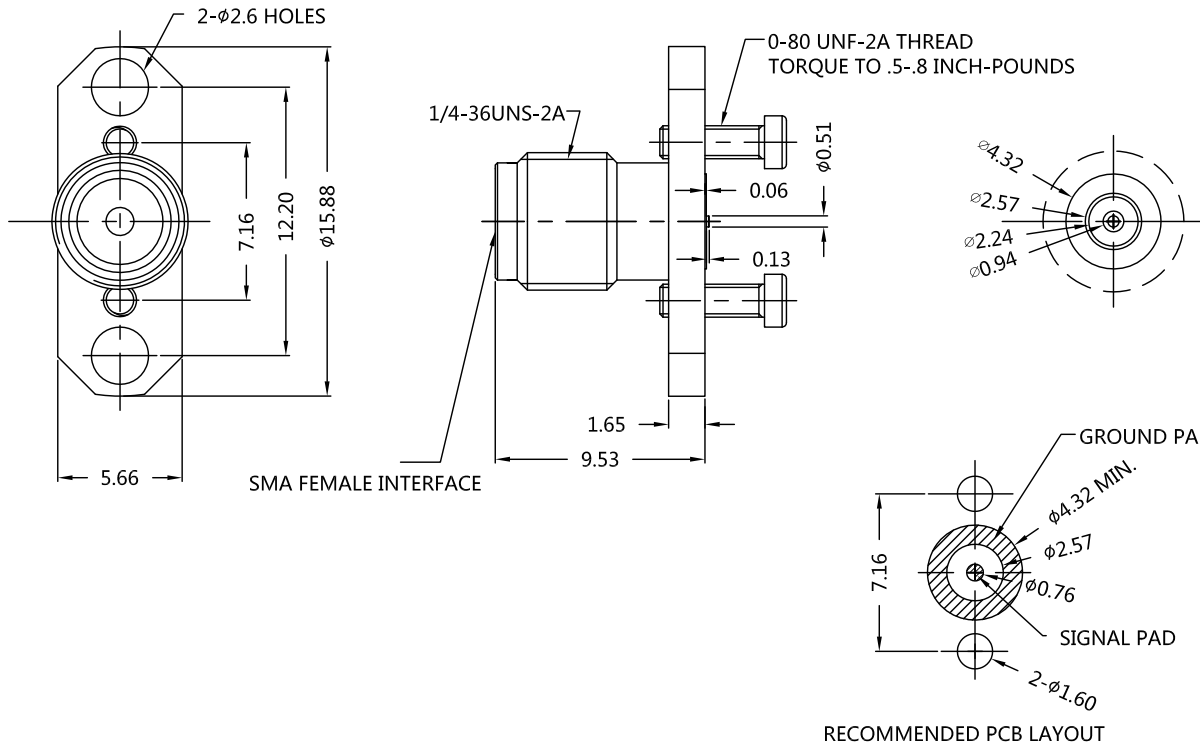


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	WYJ	2013-07-05	
1	UPDATE DRAWING	N/A	QGZ	2020-07-09	



MATERIALS AND PLATING		UNIT: MICRO-INCHES
BODY	STAINLESS STEEL	PASSIVATION
CONTACT PIN	BERYLLIUM COPPER	GOLD 15u"/NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A

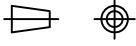
ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335 V(rms)
FREQUENCY RANGE	0 ~ 26.5 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT < 3.0 m Ω
	OUTER CONTACT < 2.0 m Ω
INSULATION RESISTANCE	> 5000 M Ω
INSERTION LOSS	< 0.05x $\sqrt{(F \text{ GHz})}$ dB
VSWR	< 1.2 @ DC~26.5 GHz
3RD INTERMODULATION	N/A

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

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 $^{\circ}$ C ~ +125 $^{\circ}$ C

*** 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 \pm 0.3 .xx \pm 0.2 .xxx \pm 0.1;
 ANGLES : \pm 5 $^{\circ}$.

THIRD ANGLE PROJECTION		
APPROVED :	CUSTOMER P/N :	-
CHECKED :	SCALE :	1 : 1
DRAWING :	DATE :	2020-07-09
PAGE : 1/1		



TITLE : SMA FEMALE WITH 2-HOLES FLANGE, SOLDERLESS 50 Ω

DRAWING NO. : 5MAF24S-P01-002

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING