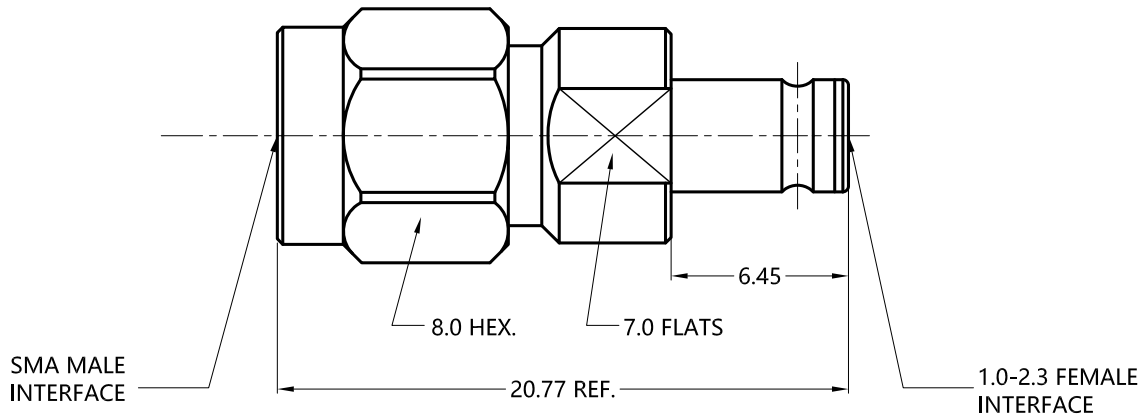


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	WYJ	2016-07-01
1	FIRST EDITION	N/A	JING	2020-08-05



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	NON-MAGNETIC BRASS	ALBALOY 80-180u" /COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	NON-MAGNETIC BE-CU	SILVER 200-300u"/COPPER
GASKET	SILICONE	N/A
SHELL	STAINLESS STEEL	PASSIVATION

ELECTRICAL CHARACTERISTICS		
IMPEDANCE	50 Ω	
VOLTAGE RATING	250 V(rms)	
FREQUENCY RANGE	0 ~ 10 GHz	
DIELECTRIC WITHSTANDING VOLTAGE	>750 V	
CONTACT RESISTANCE	CENTER CONTACT	<3.0 mΩ
	OUTER CONTACT	<2.0 mΩ
INSULATION RESISTANCE	>5000 MΩ	
INSERTION LOSS	<0.05 $\sqrt{F}$ (GHz) dB	
RF-LEAKAGE	N/A	
VSWR	<1.1 @ 0-6GHz	
	<1.2 @ 6-10GHz	
3RD INTERMODULATION	≤-155dBc @900MHz& 1800MHz 2x43dBm	

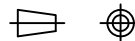
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	<10 N
CENTER CONTACT RETENTION FORCE	>6 lbs
RECOMMENDED COUPLING TORQUE	7-10 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °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 ±0.3 .xx ±0.2 .xxx±0.1;  
 ANGLES : ± 5°.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

DRAWING : JING

DATE : 2020-08-05

PAGE : 1/1



TITLE : 1.0/2.3 FEMALE TO SMA MALE ADAPTER, 50Ω

DRAWING NO. :

5A1F06S-MAM

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING