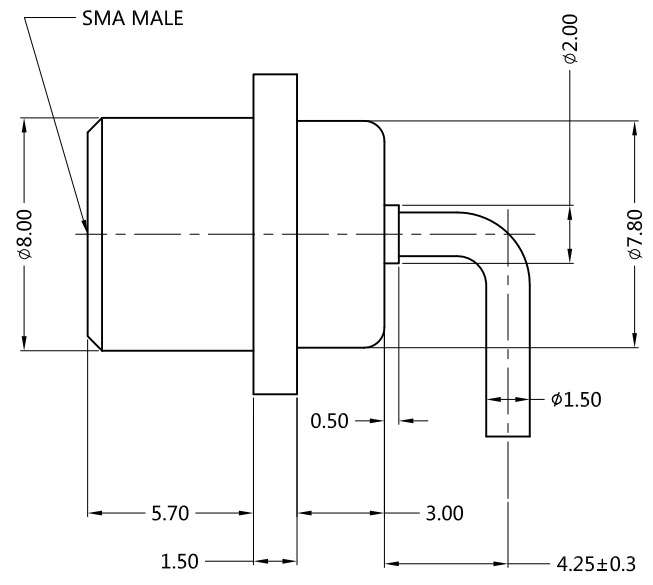
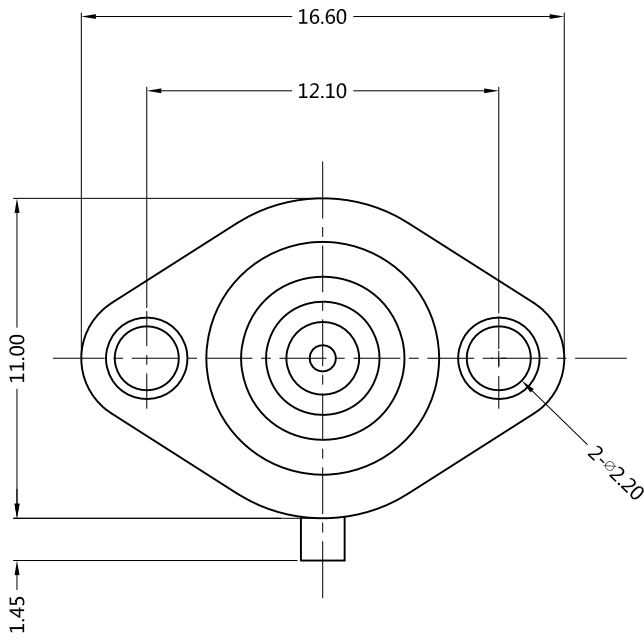


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	YY	2009-02-20
1	NEW FRAME	N/A	LEI CHAO	2020-06-24



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	ZINC CAST	NICKEL 100 u" /COPPER
INSULATOR	PTFE MIL-P-19468	N/A
CONTACT PIN	BRASS	GOLD 5 u" / NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	170 V(rms)
FREQUENCY RANGE	DC ~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT < 3.0 mΩ
	OUTER CONTACT < 2.0 mΩ
INSULATION RESISTANCE	> 5000 MΩ
INSERTION LOSS	N/A
VSWR	N/A
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 6 lbs(after solder)
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 :
DRAWING :	DATE :
PAGE : 1/1	

TITLE : SMA MALE R/A 2-HOLE FLANGE,50 Ω  
 DRAWING NO. : 5MAM50S-P02-003  
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING