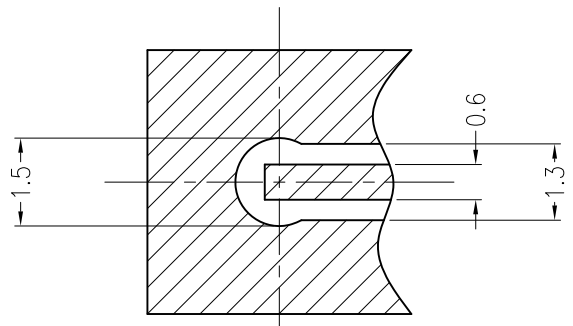
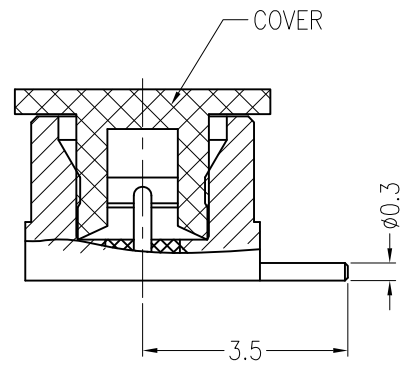
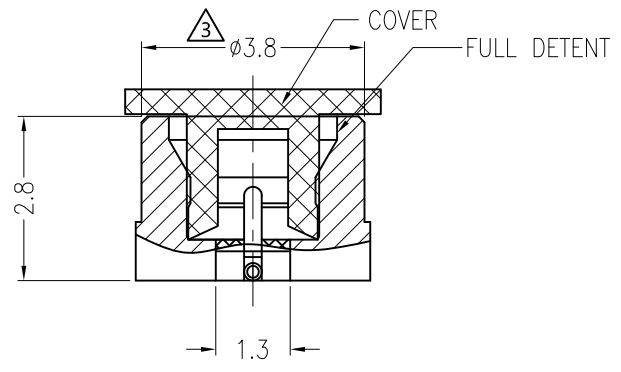


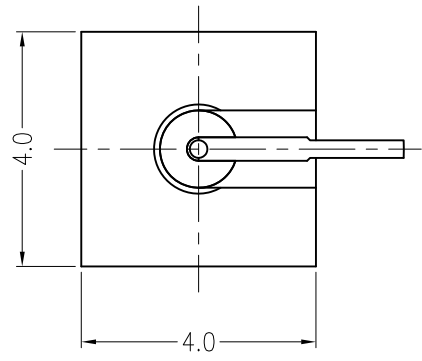
REV.	DESCRIPTION	ECN NO.	NAME	DATE
2	Updated the drawing	N/A	Liu	2019-01-24
3	Updated the drawing	N/A	LEI CHAO	2020-05-27



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



RECOMMENDED PCB LAYOUT



MATERIALS AND PLATING		UNIT: MICRO-INCHES	
PART NAME	MATERIALS		PLATING
BODY	BRASS	2	GOLD 30 u"
INSULATOR	PEEK		N/A
CONTACT PIN	Be-Cu	2	GOLD 50 u"

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	175 V(rms)
FREQUENCY RANGE	0 ~ 40 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	> 5000 MΩ
INSERTION LOSS	< 0.1x√F ( Ghz ) dB
VSWR	< 1.1+0.01F ( Ghz )
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
ENGAGEMENT FORCE	≤ 4.5 lbs (typical)
DISENGAGEMENT FORCE	≥ 6.5 lbs (typical)
CENTER CONTACT RETENTION FORCE	> 1.5 lbs 1
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	> 100 cycles 1

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °C

CUSTOMER OUTLINE DRAWING

**\* 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 :	8 : 1
DRAWING :	DATE :	2020-05-27
	PAGE :	1/1

TITLE : FULL DETENT SSMP MALE R/A FOR PCB MOUNT  
 DRAWING NO. : 5MPM27S-P01-003  
 COMPANY WEBSITE : www.slkcorp.com