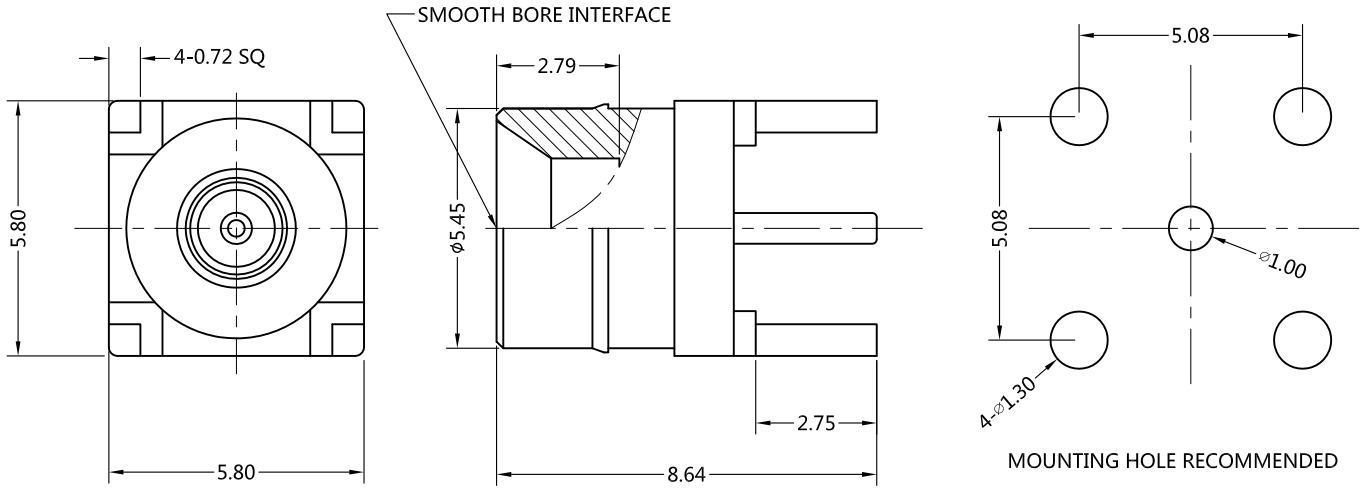
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	yy.ma	2009-08-04
1	REPLACE FRAME	N/A	Kevin.Li	2020-07-11

RoHS

ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MOUNTING HOLE RECOMMENDED

MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY	BRASS	GOLD 5u" / NICKEL / COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BERYLLIUM COPPER	GOLD 30 u"/NICKEL/COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		335V(rms)
FREQUENCY RANGE		0 ~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>500 V
CONTACT RESISTANCE	CENTER CONTACT	N/A
	OUTER CONTACT	N/A
INSULATION RESISTANCE		>5000MΩ
INSERTION LOSS		N/A
VSWR		<1.5
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 1.5 lbs
DURABILITY	> 500cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 ℃ ~ +165 ℃
VIBRATION	US MIL- STD 202, Meth. 204,Cond. D
SHOCK	US MIL- STD 202, Meth. 213,Cond. I
CORROSION	US MIL- STD 202, Meth. 101,Cond. B
RELATIVE HUMIDITY	MIL-STD-202,Method 106

* 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 : 2020-07-11
	PAGE : 1/1

SUPERLINK

TITLE : SMP MALE S/T FOR PCB THROUGH ,50Ω

DRAWING NO. : 5SPM25S-P01-001

COMPANY WEBSITE : www.slkcorp.com