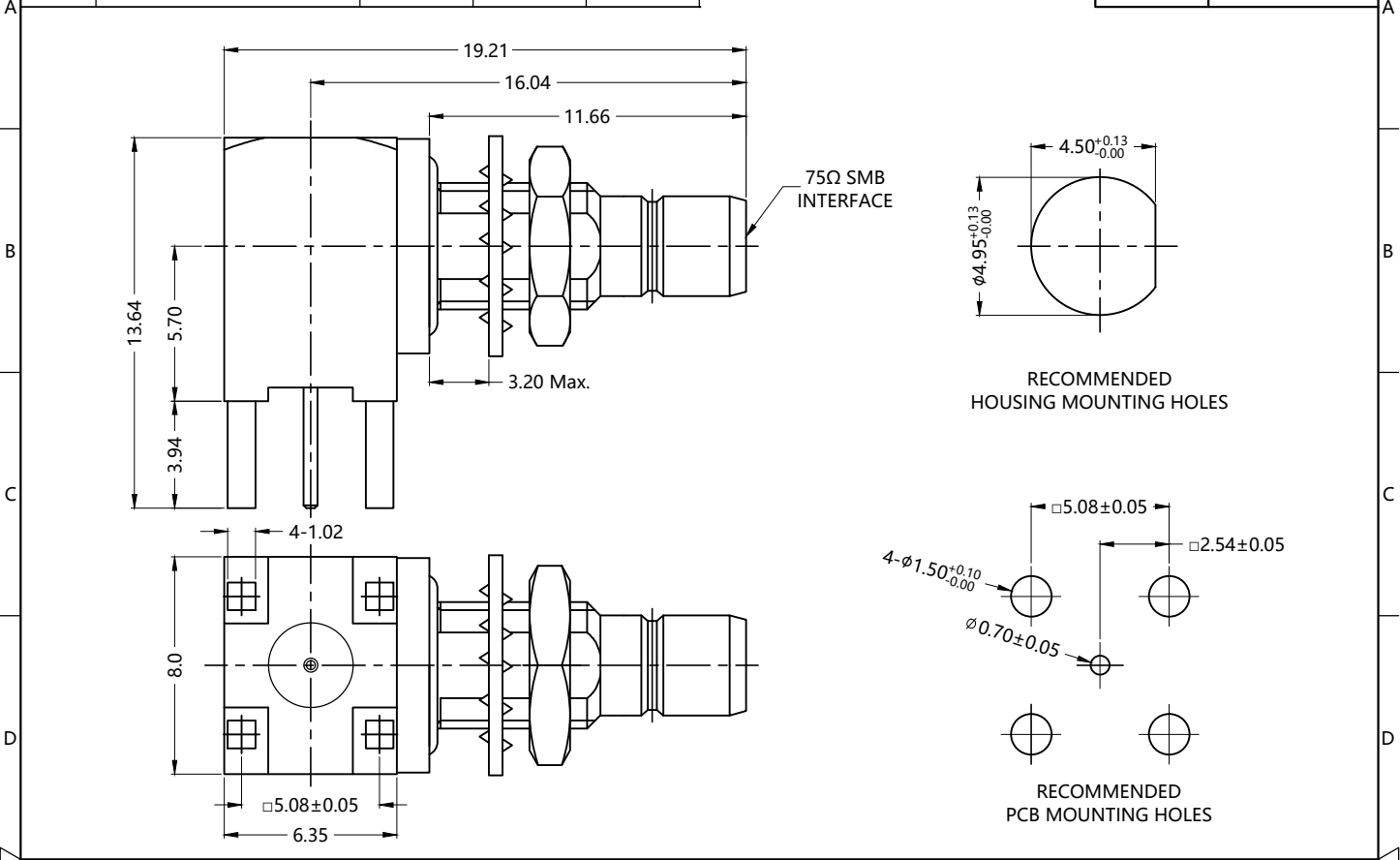


1	2	3	4	5	6
REV.	DESCRIPTION	ECN NO.	NAME	DATE	
0	FIRST EDITION	N/A	SYH	2020-04-02	



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	PL.NICKEL/COPPER
INSULATOR	PTFE MIL-P-19468	N/A
CONTACT PIN	PHOSPHOR BRONZE	PL.GOLD/NICKEL/COPPER
GASKET	SILICONE	N/A
WASHER	PHOSPHOR BRONZE	PL.NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	170 V(rms)
FREQUENCY RANGE	0 ~ 3 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>500 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>1000 MΩ
INSERTION LOSS	<0.1*√F(GHZ) dB
VSWR	<1.40
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS		
FORCE TO ENGAGE AND DISENGAGE	ENGAGE	<14 lbs
	DISENGAGE	2 ~ 14 lbs
CENTER CONTACT RETENTION FORCE		>4 lbs
RECOMMENDED COUPLING TORQUE		N/A
COUPLING NUT RETENTION FORCE		N/A
DURABILITY		>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +125 °C
PROTECTION GRADE	IP67

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 :
DRAWING :	DATE :
	PAGE : 1/1

TITLE : SMB R/A FEMALE
-75 Ω FOR PCB MOUNTING

DRAWING NO. : C-7MBF25R-P41-004

COMPANY WEBSITE : www.slkcorp.com