



PC Board Layout

NOTES:

MATERIAL:

- 1.HOUSING MATERIAL:GLASS FILLED POLYESTER,PBT-BLACK(UL94V-0).
- 2.CONTACT MATERIAL:PHOSPHOR BRONZE $\phi 0.46\text{mm}$ ROUND PIN.
- 3.PLATING:GOLD PLATING OVER NICKEL.
- 4.OPERATING LIFE:750 CYCLES MIN.
- 5.SHIELDING:0.20mm THICKNESS COPPER ALLOY PLATED WITH NICKEL
- 6.PCB RETENTION PRE-SOLDER:1 LB MIN.
- 7.PCB RETENTION POST-SOLDER:10 LBS MIN.

ELECTRICAL:

- 1.VOLTAGE RATING:125 VAC RMS.
- 2.CURRENT RATING:1.5 AMP.
- 3.CONTACT RESISTANCE:50 MILLIOHMS MAX.
- 4.INSULATION RESISTANCE:500 MEGOHMS MIN @500V DC.
- 5.DIELECTRIC WITHSTANDING VOLTAGE:1000V AC RMS 50HZ OR 60HZ. 1MIN.

ENVIRONMENTAL:

- 1.STORAGE:-40°C TO +85°C.
- 2.OPERATION:0°C TO 70°C.

MATES WITH MOULAR PLUG CONFORMING TO FCC PART 68,SUBPART F.

Gold Plating	Option
1 μ "	<input checked="" type="checkbox"/>
3 μ "	<input type="checkbox"/>
6 μ "	<input type="checkbox"/>
15 μ "	<input type="checkbox"/>
30 μ "	<input type="checkbox"/>
50 μ "	<input type="checkbox"/>

Round Pin	Flat Pin
<input checked="" type="checkbox"/>	<input type="checkbox"/>

	UNIT: mm .xx +/-0.25 .xxx +/-0.13	Approved By : Joan Pan	
	5222 Series unshielded Top-Entry	P/N:5222-4P4C-E	REV. A
Drafted by Lin Ye	Sheet 1 of 1		