



**PCB Layout**

ELECTRICAL:

- |                          |  |
|--------------------------|--|
| 1. VOLTAGE RATING        | : 125 VAC RMS.   |
| 2. CURRENT RATING        | : 1.5 AMP.   |
| 3. CONTACT RESISTANCE    | : 20 MILLIOHMS MAX.  |
| 4. INSULATION RESISTANCE | : 1000 MEGOHMS MIN @ 500 VDC                               |
| 5. DIELECTRIC STRENGTH   | : 1000 V AC OR 1500V DC RMS @ 0.5mA 50 Hz / 60 Hz 1 Minute |

MECHANICAL:

- |                             |                                   |
|-----------------------------|-----------------------------------|
| 1. HOUSING&INSERT& MATERIAL | : PBT UL94V-0.                    |
| 2. CONTACT MATERIAL         | : PHOSPHOR BRONZE $\phi 0.46$ mm. |
| 3. PLATING                  | : GOLD PLATING OVER NICKEL.       |
| 4. OPERATING LIFE           | : 750 CYCLES MIN.                 |
| 5. MATING/UNMATING FORCE:   | : 30N Max.                        |
| 6. RETENTION STRENGTH:      | : 50N FOR 60S $\pm$ 5S.           |

ENVIRONMENTAL:

- |              |   |
|--------------|---|
| 1. STORAGE   | : $-40^{\circ}\text{C}$ TO $+85^{\circ}\text{C}$ RELATIVE HUMIDITY<80%. |
| 2. OPERATION | : $-40^{\circ}\text{C}$ TO $+85^{\circ}\text{C}$ .                      |

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

**Description: Low profile 4P4C modular jack**  
**Part code: JP-LP-4P4C**

PRAN ELECTRONICS PVT. LTD.  
 INDIA

DRAWING NOT TO SCALE