



PC BOARD LAYOUT  
THICKNESS=1.60MM

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 Ø0.46mm.  |
| 3. PLATING                  | : GOLD PLATING OVER NICKEL. |
| 4. OPERATING LIFE           | : 750 CYCLES MIN.           |
| 5. MATING/UNMATING FORCE:   | : 30N Max.                  |
| 6. RETENTION STRENGTH:      | : 50N FOR 60S±5S.           |

ENVIRONMENTAL:

- |              |   |
|--------------|---|
| 1. STORAGE   | : -40°C TO +85°C RELATIVE HUMIDITY<80%. |
| 2. OPERATION | : -40°C TO +85°C.                       |
- MATES WITH MODULAR PLUG CONFORMING TO  
FCC PART 68, SUBPART F.

**Part Code: JP - S2 - 10P10C**

**Description: RJ48 10P10C modular jack**

PRAN ELECTRONICS PVT. LTD.  
INDIA  
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DRAWING NOT TO SCALE