



PC BOARD LAYOUT  
THICKNESS=1.6mm

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  $\phi$ 0.46mm.
- 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 - S1 - 8P8C**  
**Description: Side Entry RJ45 8P8C modular jack**

**PRAN ELECTRONICS PVT. LTD.**  
**INDIA**  
**Rev. 01 date 27/1/2014**  
**DRAWING NOT TO SCALE**