



**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 φ0.46mm.
- 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-S1-6PXC**  
**Replace X with 2,4,6 contacts loaded**  
**Side Entry 6P6C modular jack**

PC BOARD LAYOUT  
 THICKNESS=1.6mm

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