



PC Board Layout

**ELECTRICAL :**

- 1. VOLTAGE RATING : 125 VAC RMS.
- 2. CURRENT RATING : 1.5 AMP.
- 3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
- 4. INSULATION RESISTANCE : 500 MEGOHMS MIN @ 500 VDC.
- 5. DIELECTRIC STRENGTH : 1000 VAC RMS 50Hz or 60Hz, 1MIN.

**MECHANICAL :**

- 1. HOUSING & INSERT MATERIAL : PBT UL94V-0.
- 2. CONTACT MATERIAL : PHOSPHOR BRONZE T=0.35MM.
- 3. SHIELD : 0.20 ~ 0.25MM THICKNESS BRASS WITH NICKEL PLATED.
- 4. PLATING : 1. CONTACT AREA-SELECTIVE GOLD PLATING.  
2. TAILS PLATING TIN OVER NICKEL.
- 5. MATING/UNMATING FORCE : 2.2KG. F MAX.
- 6. RETENTION STRENGTH : 7.7KG. F MIN BETWEEN JACK AND PLUG.
- 7. OPERATING LIFE : 600 CYCLES MIN.

**ENVIRONMENTAL :**

- 1. STORAGE : -10°C ~ +40°C RELATIVE HUMIDITY<70%.
- 2. OPERATION : -40°C ~ +85°C.

Part code: JP-T1-8P8C-S  
 Description: Top/Straight entry 8P8C RJ45 modular jack

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 DRAWING NOT TO SCALE