



PC BOARD LAYOUT
THICKNESS=1.60MM

ELECTRICAL:

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| 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:

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|-----------------------------|----------------------------------|
| 1. HOUSING&INSERT& MATERIAL | : PBT UL94V-0. |
| 2. CONTACT MATERIAL | : PHOSPHOR BRONZE ϕ 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 \pm 5S. |

ENVIRONMENTAL:

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| 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 - 8P8C

Description: RJ45 8P8C modular jack

PRAN ELECTRONICS PVT. LTD.
INDIA
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DRAWING NOT TO SCALE