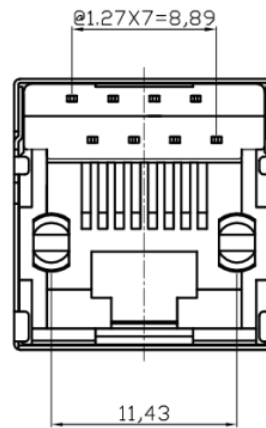


PC Board Layout



NOTES:

- ELECTRICAL:**
- VOLTAGE RATING : 125 VAC RMS.
  - CURRENT RATING : 1.5 AMP.
  - CONTACT RESISTANCE : 35 MILLIOHMS MAX.
  - INSULATION RESISTANCE : 1000 MEGOHMS @ 500 VDC. MIN.
  - DIELECTRIC STRENGTH : 1000 VAC RMS 60Hz, 1MIN.
- MECHANICAL:**
- HOUSING MATERIAL : FR52. UL94V-0.
  - CONTACT MATERIAL : PHOSPHOR BRONZE T=0.35mm.
  - SHIELD MATERIAL : COPPER ALLOY T=0.20mm.
  - PLATING : 50µ" GOLD ON CONTACT AREA  
100"-200µ" TIN ON SOLDER AREA  
ALL OVER 30-50µ" NICKEL
  - OPERATING LIFE : 750 CYCLES MIN.
  - PCB RETENTION PRE-SOLDER : 1 LB MIN.
  - PCB RETENTION POST-SOLDER : 10 LBS MIN.
- ENVIRONMENTAL:**
- STORAGE : -40°C TO +85°C
  - OPERATION : -40°C TO +85°C.
  - CAT-Class:CAT6

CATEGORY 6 CHARACTERISTIC:

Frequency	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	75.0	35.5	0.1
4.0 MHZ	75.0	35.5	0.1
10.0 MHZ	74.0	35.5	0.1
16.0 MHZ	69.9	35.5	0.1
25.0 MHZ	66.0	35.5	0.1
31.25 MHZ	64.1	34.1	0.1
62.5 MHZ	58.1	28.1	0.1
100.0 MHZ	54.0	24.0	0.2
200.0 MHZ	48.0	18.0	0.3
250.0 MHZ	46.0	16.0	0.3

