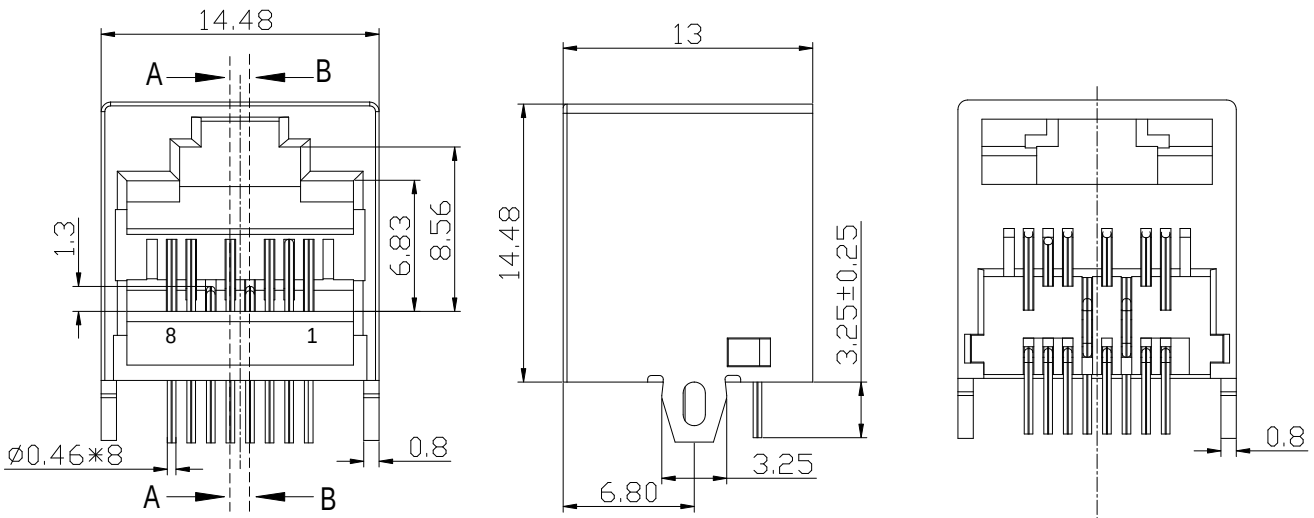
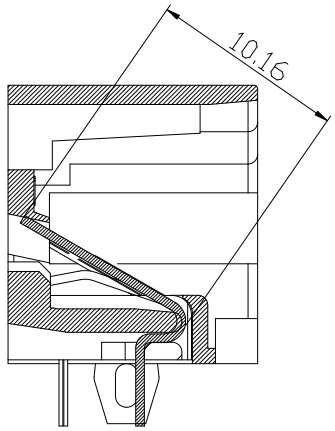
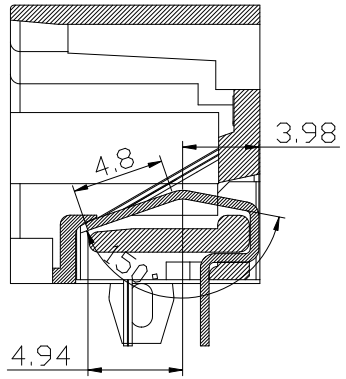
| REV. | LOCAS. | DESCRIPTION | DATE | DRAWN |
|---|---|---|---|---|
| 01 | | INITIAL RELEASE. | | |

NOTES:
ELECTRICAL:
1. VOLTAGE RATING: 125V AC.
2. CURRENT RATING: 1.5A.
3. CONTACT RESISTANCE: 50 mΩ MAX.
4. INSULATION RESISTANCE: 500 MΩ MIN @ 500V DC.
5. DIELECTRIC STRENGTH: 1000V AC 50Hz or 60Hz,1MIN.
MECHANICAL:
1. HOUSING MATERIAL: GLASS FILLED POLYESTER (PBT BLACK UL94V-0).
2. CONTACT MATERIAL: PHOSPHOR BRONZE (ROUND PIN Ø0.46mm)
3. CONTACT PLATING: GOLD 3 MICRO-INCHES OVER NICKEL.
4. MATING/UNMATING FORCE: 30N/3.06KG MAX.
5. RETENTION STRENGTH: 50N MIN.FOR 60S±5S
6. OPERATING LIFE: 750 CYCLES MIN.
ENVIRONMENTAL:
1. STORAGE: -40℃ ～ +85℃ RELATIVE HUMIDITY<70%.
2. OPERATION: -40℃ ～ +85℃.
3. WAVE SOLDER TIP TEMPERATURE AND TIME: 250℃,5 SEC.
4. UL CERTIFICATION: FILE NUMBER E484635

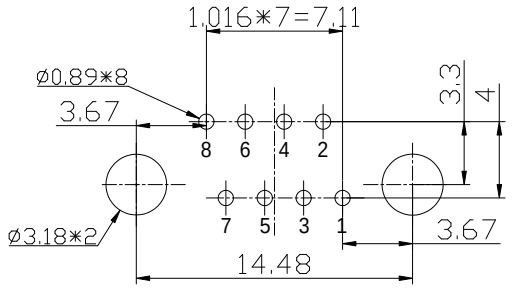



SECTION A-A




SECTION B-B




RECOMMENDED PCB LAYOUT(TOP VIEW)

CATEGORY 6 CHARACTERISTIC

| frequence | 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 |

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www.techedom.com

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PART NO. | RJ45-8814362 | | DRAWN | MARK | | | |
| DWG NO. | | | CHECK | JOHN | | | |
| TOLERANCE | .X±0.30 | | APPROVE | MELODY | | | |
| TITLE: RJ45 1X1 8P8C CONNECTOR- CATE 6, 镀金3U | REV. A0 | .XX±0.25 .XXX±0.10 | SCALE | 1:1 | UNIT | mm | NO | DESCRIPTION |