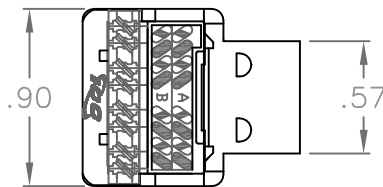


| T568B WIRING | |
|--------------|--------------|
| 5 | WHITE/BLUE |
| 4 | BLUE |
| 1 | WHITE/ORANGE |
| 2 | ORANGE |
| 3 | WHITE/GREEN |
| 6 | GREEN |
| 7 | WHITE/BROWN |
| 8 | BROWN |

| T568A WIRING | |
|--------------|--------------|
| 5 | WHITE/BLUE |
| 4 | BLUE |
| 1 | WHITE/GREEN |
| 2 | GREEN |
| 3 | WHITE/ORANGE |
| 6 | ORANGE |
| 7 | WHITE/BROWN |
| 8 | BROWN |



NOTE: UNLESS OTHERWISE SPECIFIED

1. CAT 6 MODULE:

A. ELECTRICAL:

- CURRENT RATING: 1.5 AMPS
- INSULATION RESISTANCE: 500 MOHMS MIN
- CONTACT RESISTANCE: 20 MOHMS MAX
- DC RESISTANCE: 0.1 OHM MAX
- TRANSMISSION PERFORMANCE EXCEEDS CATEGORY 6 CONNECTING HARDWARE REQUIREMENTS SPECIFIED IN TIA/EIA-568-B.2-1 WHEN USED WITH COMPATIBLE HORIZONTAL CABLE

B. MECHANICAL:

- PLUG INSERTION LIFE: 750 CYCLES MIN
- PLUG & JACK CONTACT FORCE: 100 GRAMS MIN
- USING FCC APPROVED PLUG
- PLUG RETENTION FORCE: 30 LBS MIN
- TEMPERATURE: -40° TO 150° F (-40° TO 68° C)

C. PHYSICALS:

- HOUSING: ABS, UL 94V-0
- JACK WIRING: 50 MICRO INCHES OF GOLD OVER 100 INCHES OF NICKEL
- CONNECTOR: INSULATION DISPLACEMENT CONNECTOR (IDC)
- ACCEPTS 23~24 AWG SOLID WIRE

D. COLORS: XX: BL-BLUE, GN-GREEN, IV-IVORY, WH-WHITE, & YL-YELLOW

2. TERMINATION CAP:

- A. MATERIAL: PC, UL 94V-0
- B. COLOR: CLEAR

| CATEGORY 6 CONNECTING HARDWARE REQUIREMENTS | | | | | | | | | | | | |
|---|------|------|------|------|------|------|------|-------|------|------|------|------|
| FREQUENCY (MHz) | 1.0 | 4.0 | 8.0 | 10.0 | 16.0 | 20.0 | 25.0 | 31.25 | 62.5 | 100 | 200 | 250 |
| NEXT LOSS (db) | 75.0 | 75.0 | 75.0 | 74.0 | 69.9 | 68.0 | 66.0 | 64.1 | 58.1 | 54.0 | 48.0 | 46.0 |
| FEXT LOSS (db) | 75.0 | 71.1 | 65.0 | 63.1 | 59.0 | 57.1 | 55.1 | 53.2 | 47.2 | 43.1 | 37.1 | 35.1 |
| RETURN LOSS (db) | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 28.1 | 24.0 | 18.0 | 16.0 |
| INSERTION LOSS(db) | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.11 | 0.16 | 0.20 | 0.28 | 0.32 |



MODULE, CAT 6, EZ, 25 PK

| | |
|----------|------------|
| ITEM NO. | IC107L6CXX |
| DWG NO. | PS107L6C00 |

| | |
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