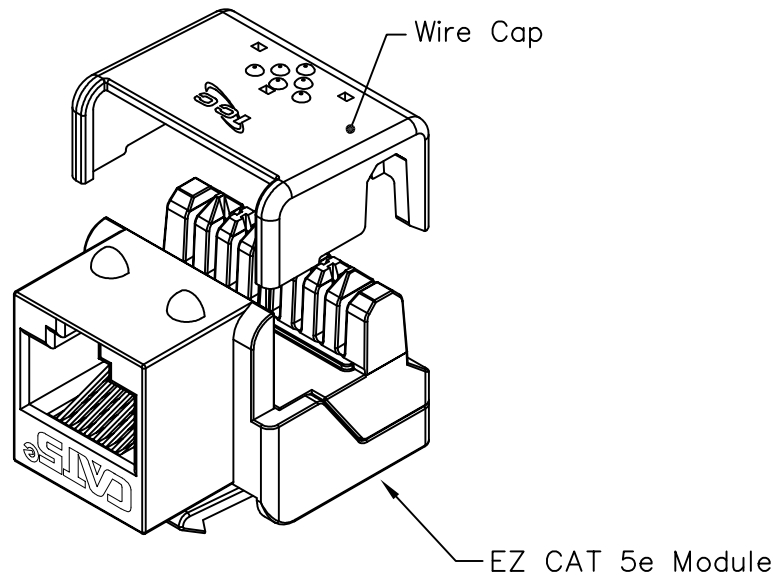


# 8P8C EZ Category 5e Module

## PRODUCT SPECIFICATION

### Package includes:

- A. 8P8C EZ Category 5e Module, 1 pc
- B. WireCap, 1 pc



### Features and Benefits:

- CAT 5e rated connectors provide excellent performance for data networks requiring maximum speed and bandwidth.
- PCB technology provides maximum performance and superior signal quality.
- Enhanced crosstalk cancellation reduces return loss and improves performance by rejecting noise and unwanted signals.
- Exceeds ANSI/TIA-568-C.2 Category 5e connecting hardware requirements.
- Engineered to provide 110 IDC termination reducing installation time.
- Pair-to-Pair wiring for easy termination and best performance.
- Includes an integrated TIA-568A/B color wiring diagram.
- Backwards compatible to all lower rated category components.
- Compatible with all IC107 faceplates, inserts, surface mount boxes, and blank patch panels.
- Compatible with all IC108 furniture faceplates, bezels, and surface mount boxes.
- Used with ICC Category 5e ICPCSJ series patch cords and 110 punch down tool ICACSPDT00.
- Available in almond, black, blue, gray, green, ivory, orange, purple, red, white, and yellow.
- UL listed.

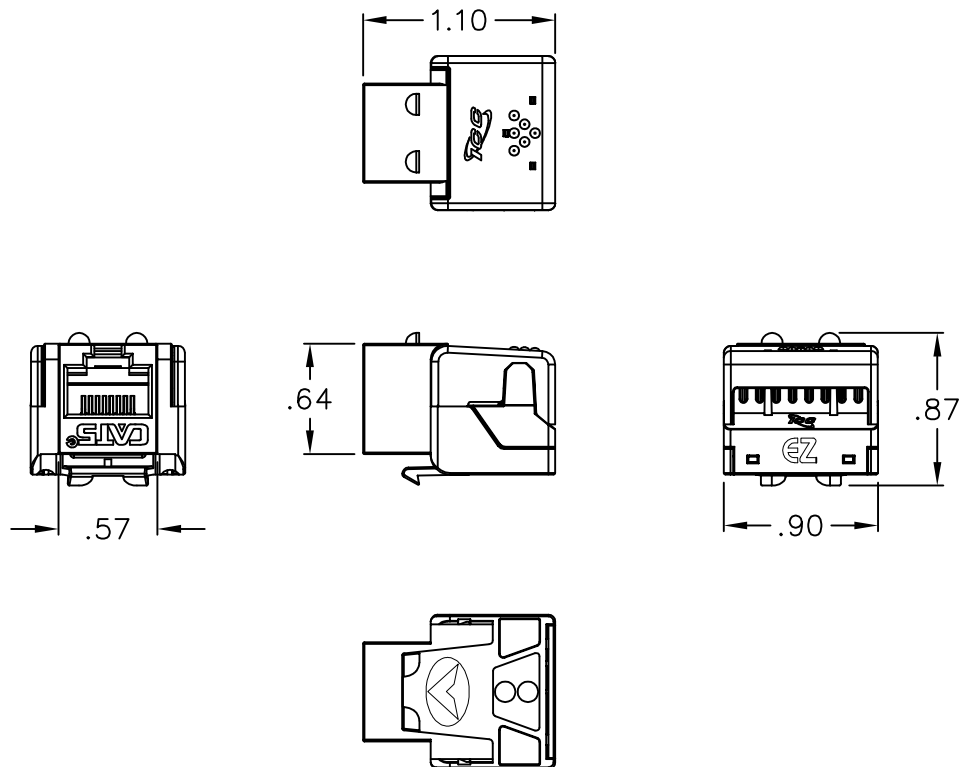
### MODULE, CAT 5E, EZ

|          |            |
|----------|------------|
| ITEM NO. | IC1078E5XX |
| DWG NO.  | PS1078E500 |

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

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

# **NOTE: UNLESS OTHERWISE SPECIFIED**

## 1. CAT 5E 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 5E CONNECTING HARDWARE REQUIREMENTS SPECIFIED IN ANSI/TIA-568-C.2 WHEN USED WITH COMPATIBLE HORIZONTAL CABLE

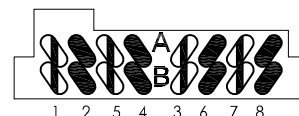
### B. MECHANICAL:

- 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: HIGH IMPACT, FLAME RETARDANT PLASTIC, UL 94V-0
- JACK WIRING: 50 MICRO INCHES OF GOLD OVER 100 INCHES OF NICKEL
- CONNECTOR: INSULATION DISPLACEMENT CONNECTOR (IDC) ACCEPTS 22~24 AWG SOLID WIRE

### D. COLORS: XX: AL-ALMOND, BK-BLACK, BL-BLUE, GN-GREEN, GY-GRAY, IV-IVORY, OR-ORANGE, PR-PURPLE, RD-RED, WH-WHITE, & YL-YELLOW



| CATEGORY 5e CONNECTING HARDWARE REQUIREMENTS |      |      |      |      |      |      |      |       |      |      |
|----------------------------------------------|------|------|------|------|------|------|------|-------|------|------|
| FREQUENCY (MHz)                              | 1.0  | 4.0  | 8.0  | 10.0 | 16.0 | 20.0 | 25.0 | 31.25 | 62.5 | 100  |
| NEXT LOSS (db)                               | 65.0 | 65.0 | 64.9 | 63.0 | 58.9 | 57.0 | 55.0 | 53.1  | 47.1 | 43.0 |
| FEXT LOSS (db)                               | 75.1 | 63.1 | 57.0 | 55.1 | 51.0 | 49.1 | 47.1 | 45.2  | 39.2 | 35.1 |
| RETURN LOSS (db)                             | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 34.0 | 32.0 | 30.1  | 24.1 | 20.0 |
| INSERTION LOSS(db)                           | 0.10 | 0.10 | 0.10 | 0.10 | 0.20 | 0.20 | 0.20 | 0.20  | 0.30 | 0.40 |

UL US FILE NO. 125268

## MODULE, CAT 5E, EZ

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