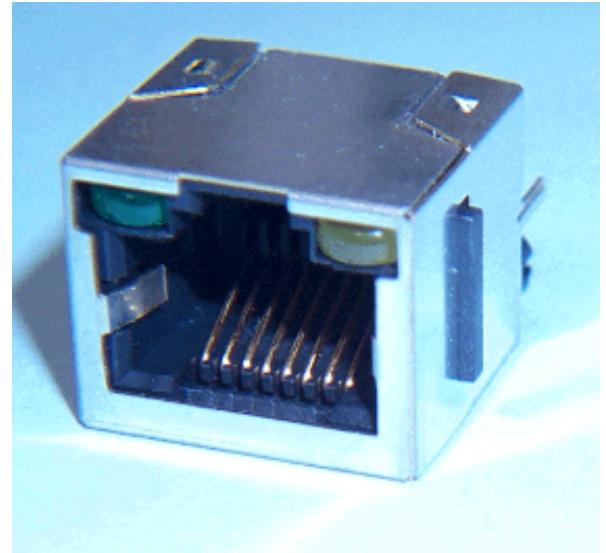


Vertical mount RJ/LED connector jacks

XMULTIPLE XRJV Vertical Mount LED Modular Jacks are designed as single port jacks. The XRJV vertical mount LED Modular Jacks are provided with PC board mount. These high performance category 5 jacks conform to TIA/EIA-568A requirements. The shield consists of copper alloy base metal with tin-lead plating and copper under plating. The jack contacts are overall nickel-plated phosphor bronze, with plated gold in the contact area and tin-lead in the solder area. LEDs integrated into the modular jack reduce space requirements required for indicators. LEDs reduce time and much of the labor cost for electronic assembly. With built in LEDs the status of transmit/receive, collisions and line status can be identified by viewing the indicators directly in each port. The LEDs are offered in a variety of color combinations.

Single Port LED Modular Jacks with a vertical mount are provided shielded or unshielded with a vertical mount entry. Shielded modular jacks are available with and without panel grounds.

The XRJV are designed with a compact profile for a reduced assembly. This product is ideal for devices that have limited space and clearance once components and connectors are assembled to the printed circuit board. The XRJV housing consist of a strong construction assuring proper contact and attachment to the printed circuit board.



PRODUCT FACTS

- Vertical mount LED Modular Jacks for vertical mount to PCB
- LEDs integrated directly into jack and maintains compact form requires less space
- LEDs located at top of jack for effective visibility
- LEDs provided in a variety of color options
- LEDs manufactured under license for U.S. Patent 4,978,317
- Unshielded and shielded versions in popular size configurations. Shielded jacks provide grounding through panel and PC Board
- Reduced labor cost for PCB assembly
- Gold plating and solder tails
- Meets or exceeds FCC Part 68 rules and regulations with standard PC board footprints
- Produced under a Quality Management Certified to ISO 9001

LED MODULAR JACK SPECIFICATIONS

Electrical

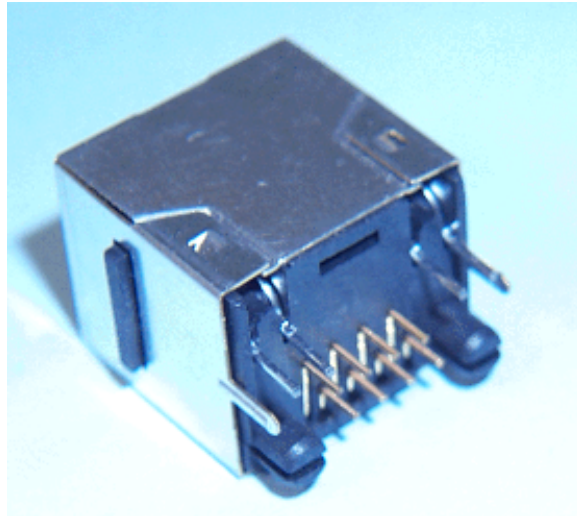
- **Current Rating** - 1.5 amp max. at 25°C
- **Voltage Rating** - 150 VAC max.
- **Dielectric Withstanding Voltage** – 1000 VAC
- **Insulation Resistance** – 500 megohms min.
- **Shielding Effectiveness** - 20dB min., 10 to 200 MHz

Mechanical

- **Durability** - 750 mating cycles
- **Mating/Unmating Forces** - 4.5 lbs. Max
- **Operating Temperature** - -40°C to 70°C

Material & Finish

- **Housing** - High temperature Nylon, Black, UL 94V-0 rated
- **Contact** - 0.33 [.013] Phosphor bronze, plated 0.00127 [.000050] gold in localized area and 0.00381 [.000150] tin-lead on solder tails, over 0.00127 [.000050] nickel underplate
- **Shield** - 0.25 [.010] copper alloy, tin-lead plated



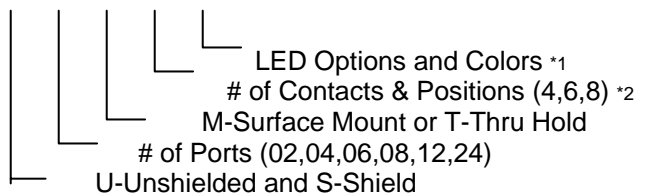
ORDERING INFORMATION

XRJV-X-X-X-X

LED Single Port Modular Jacks, Shield and Unshielded

PART NUMBER DASH OPTIONS

X -X -X -X -X



NOTE: *1 LED Color Chart Available
*2 Example (6x8) - 6 Contacts & 8 Positions

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