

XRJD CONNECTOR SERIES

FEATURES:

- RJ Stackable Connectors for High Density
- Available 2x1, 2x2, 2x3, 2x4, 2x6 & 2x8 Ports
- Through Hole Contacts
- Available with or without LEDs for Easy Viewing of Connection/Activity Status
- Saves PCB Space
- Available in Shield or Unshielded
- Minimum of 750 to 1000 Insertion Cycles



GENERAL SPECIFICATION:

| Product Type Features | | Housing Related Features | |
|---------------------------|------------------------------|--------------------------|-------------|
| Tab Type | Tab Up and Tab Down | Material | PBT / Nylon |
| PCB Mount Angle | Side Entry (Right Angle) | Housing Flammability | UL 94V-0 |
| Number of Ports | 2x1, 2x2, 2x3, 2x4, 2x6, 2x8 | Color | Optional |
| Number of Positions | 8 | Contact Features | |
| Number of Contacts | 8 | Material | Phos-Bronze |
| PCB Mount Style | Through Hole | Contact Area Plating | Hard Gold |
| LED | With or Without | Solder Area Plating | Gold Flash |
| Transformer | None | Magnetic Features | |
| Shielding Features | | Transformer Speed | None |
| Material | Copper Alloy | | |
| Plating | Nickel | | |
| EMI Fingers | With or Without | | |
| Number of PCB Ground Tabs | 4 | | |
| Ground Pin Position (mm) | Optional | | |

ORDERING INFORMATION:

| PART NO. X | PORT NO. X | Length X | Width X | Height X |
|-----------------|------------|----------|---------|----------|
| XRJD-S-21-8-8-X | 2 Port | 27.9 | 16.45 | 25.4 |
| XRJD-S-22-8-8-X | 4 Port | 27.9 | 32.20 | 25.4 |
| XRJD-S-24-8-8-X | 8 Port | 27.9 | 63.70 | 25.4 |
| XRJD-S-26-8-8-X | 12 Port | 27.9 | 95.20 | 25.4 |
| XRJD-S-28-8-8-X | 16 Port | 27.9 | 126.70 | 25.4 |

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ELECTRICAL CHARACTERISTICS:

| | |
|--|---|
| Current Rating | 1.5 A Max. |
| Voltage Rating | 150 VAC Max. |
| Insulation Resistance | 500 MΩ (Ohm) Min. |
| Dielectric Withstanding Voltage | 1000 VAC for 1 minute between adjacent contacts 1500 VAC for 1 minute between shielding and contacts |
| Termination Resistance | 40mΩ (Ohm) Max. Initial 50mΩ (Ohm) Max. Final |

MECHANICAL CHARACTERISTICS

| | |
|--------------------------------|----------------------------------|
| Durability | 750 to 1000 Mating Cycles. |
| Mating Force | 5 Pounds Max. |
| Unmating Force | 5 Pounds Max. |
| Solder Temperature | 230 to 240 Degree C, 5-6 Seconds |
| Solder High-Temp Option | 260 Degree C, 5-10 Seconds |
| Operating Temperature | -0 to +70 Degree C |