792-002P Receptacle Connectors
Snap-in, Rear Release Contacts


**How To Order**

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>792-002P E-5W5</th>
<th>M</th>
<th>E</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
<td>792-002P = Cable Receptacle, Pin Contacts</td>
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<tr>
<td><strong>Insert Arrangement</strong></td>
<td>See Table 2</td>
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<tr>
<td><strong>Shell Finish</strong></td>
<td>M = Electroless Nickel</td>
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<td></td>
<td>MT = Nickel-PTFE</td>
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<td></td>
<td>ZR = Black Zinc-Nickel</td>
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<tr>
<td><strong>EMI Spring</strong></td>
<td>N = No EMI Spring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>E = EMI Spring</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Mating Hardware</strong></td>
<td>N = Thru-Holes (no hardware)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>S = Short Screwlocks, Hex Head</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>T = Long Screwlocks, Slot Head</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>L = Short Jackscrews, Hex Head</td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>K = Long Jackscrews, Slot Head</td>
<td></td>
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<tr>
<td></td>
<td>P = Female Jackposts</td>
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</tbody>
</table>

**Table 1 Mating Hardware**

Thread size is #8-32. 300 series stainless steel. Jackscrews and screwlocks are non-removable. Screwlocks allow full connector mating before the screwlocks are tightened. Jackscrews must be tightened to mate the connectors.

**Table 2 Insert Arrangements**

Cavity identification numbers shown are for mating face of receptacle connectors with pin contacts.

* Insert arrangements with “G” designator are grounded type with metal insert. Insert arrangements with “W” designator have thermoplastic dielectric.
SERIES 792
High-Speed Ultraminiature Rectangular Connectors

792-002P Receptacle Connectors
Snap-in, Rear Release Contacts

Technical Data

Specifications
- Operating temperature: -65° to +150°C
- Current rating, size 23 contact: 5A
- Voltage rating (DWV): 750 Vac, size 23 1800 Vac size 8 body to connector shell
- Wire size, #23 contact: AWG 22–28
- Shock: EIA-364-27 condition D
- Vibration: EIA-364-28 condition V, letter E
- Insulation Resistance: 5000 MΩ min.
- Shell-to-shell resistance with EMI spring: 2.5 mΩ max.
- Altitude immersion: 75,000 feet

Construction
- Shell: aluminum alloy
- Metal insert: aluminum, nickel plated
- Insulators: high-grade rigid dielectric
- Contacts: copper alloy, 50 microinches gold over nickel plating
- Wire grommet, interfacial seal: fluorosilicone blend
- Contact retention clip, insert retention clip: copper alloy
- EMI spring: copper alloy, nickel plated
- Hardware: 300 series stainless steel, passivated

Size 8 Datalink Pin Contacts
(not supplied with Connector)

Contact Polarizing Key Location and Identification
Series 792 connectors have a polarizing keyway in size 8 contact cavities. This keyway orients and aligns twinax, quadrax and El Ochito® contacts. The connector keyway is rotated 45° from top dead center. These illustrations show the location of the polarizing key and the contact numbers when looking at the mating face of the receptacle (pin) connector.

Size 23 Pin Contacts

Insertion/Removal Tools

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Dimensions in Inches (millimeters) are subject to change without notice.