SERIES 792
High-Speed Ultraminiature Rectangular Connectors

792-004P Panel Receptacle Connectors
Snap-in, Rear Release Contacts


How To Order

Sample P/N ➔ 792-004P A-1W1 ZR E P C

Product

792-004P = Panel Receptacle, Pin Contacts

Insert Arrangement

See Table 2

Shell Finish

M = Electroless Nickel
MT = Nickel-PTFE
ZR = Black Zinc-Nickel

EMI Spring

E = EMI spring
N = No EMI spring

Mating Hardware (Table 1)

N = No hardware
P = Jackpost
B = Female guide bushing

O-ring Option

N = No O-ring
F = Fluorosilicone O-ring (non-conductive)
C = Conductive fluorosilicone O-ring
S = Metal EMI panel spring (non-environmental)

Table 1 Mating Hardware

- **N**: No Hardware
  - Blind tapped holes
- **P**: Jackposts
  - 8-32 UNC-2B thread
- **B**: Guide Bushings
  - Non-removable

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

792-004P Panel Receptacle Connectors
Snap-in, Rear Release Contacts

Insertion/Removal Tools

<table>
<thead>
<tr>
<th>Insertion/Removal Tool for Size 23 Contact</th>
<th>Removal Tool for Size 8 Contacts</th>
</tr>
</thead>
<tbody>
<tr>
<td>809-088</td>
<td>859-049 (M81969/14-12)</td>
</tr>
</tbody>
</table>

Size 23 Pin Contacts

<table>
<thead>
<tr>
<th>Contact Part No.</th>
<th>Crimper</th>
<th>Positioner</th>
</tr>
</thead>
<tbody>
<tr>
<td>850-163</td>
<td>809-015</td>
<td>809-005</td>
</tr>
</tbody>
</table>

Polarizing Key Location and Contact 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. This illustration shows the location of the polarizing key and the contact numbers when looking at the mating face of the plug (socket) connector.

Size 8 Datalink Pin Contacts (not supplied with Connector)

**Differential Twinax**
- 853-076

**Quadrax**
- 854-047

**El Ochito Type I**
- 10Gb Ethernet (White) 858-045
- USB 3.0 (Blue) 858-047
- HDMI, DisplayPort, SATA (Red) 858-049

**El Ochito Type II**
- 10Gb Ethernet (White) 858-043

792-004P Dimensions

<table>
<thead>
<tr>
<th>Shell Size</th>
<th>A Max</th>
<th>B Basic</th>
<th>C Max</th>
<th>D Basic</th>
<th>E ± .002 (0.006)</th>
<th>G Max</th>
<th>H Max</th>
<th>J Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2.220</td>
<td>56.39</td>
<td>1.075</td>
<td>27.31</td>
<td>1.699</td>
<td>43.15</td>
<td>49.91</td>
<td>38.74</td>
</tr>
<tr>
<td>B</td>
<td>2.595</td>
<td>65.91</td>
<td>1.450</td>
<td>36.83</td>
<td>2.074</td>
<td>52.68</td>
<td>59.44</td>
<td>43.05</td>
</tr>
<tr>
<td>C</td>
<td>2.970</td>
<td>75.44</td>
<td>1.825</td>
<td>46.36</td>
<td>2.449</td>
<td>62.20</td>
<td>69.96</td>
<td>52.58</td>
</tr>
<tr>
<td>D</td>
<td>3.345</td>
<td>84.96</td>
<td>2.200</td>
<td>55.88</td>
<td>2.824</td>
<td>71.73</td>
<td>74.49</td>
<td>62.10</td>
</tr>
<tr>
<td>E</td>
<td>3.720</td>
<td>94.49</td>
<td>2.575</td>
<td>65.41</td>
<td>3.199</td>
<td>81.55</td>
<td>88.01</td>
<td>71.63</td>
</tr>
<tr>
<td>F</td>
<td>3.720</td>
<td>94.49</td>
<td>2.575</td>
<td>65.41</td>
<td>3.199</td>
<td>81.55</td>
<td>88.01</td>
<td>71.63</td>
</tr>
</tbody>
</table>