Board mount Quadrax contacts. EMI protection. Series 792 PCB Quadrax connectors are intended for 100BASE-T and ARINC 664 protocols. 792-022S connectors feature quadrax contacts with right angle printed circuit board tails, machined aluminum shells and environmental protection. Contacts are epoxy-sealed and are non-removable. Scoop-proof interface for problem-free service. Military-grade performance and construction.

### How To Order

<table>
<thead>
<tr>
<th>Sample P/N</th>
<th>792-022S</th>
<th>D-4P4</th>
<th>M</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>792-022S = Right Angle PCB Plug, Quadrax Socket Contacts</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insert Arrangement</td>
<td>See Table 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shell Finish</td>
<td>M = Electroless Nickel</td>
<td>MT = Nickel-PTFE</td>
<td>ZR = Black Zinc-Nickel</td>
<td></td>
</tr>
<tr>
<td>Mating Hardware (Table 1)</td>
<td>N = No Hardware</td>
<td>P = Jackposts</td>
<td>G = Guide Pins</td>
<td></td>
</tr>
</tbody>
</table>

### Table 1 Mating Hardware

- **N** = No Hardware
- **P** = Jackposts
- **G** = Guide Pins
- **Blind tapped holes**
- **Non-removable 8-32 UNC-2B thread**

### Table 2 Insert Arrangements

Cavity identification numbers shown are for mating face of plug connectors with socket contacts.

* Insert arrangements with "G" designator are grounded type with metal insert. Insert arrangements with "P" designator have thermoplastic dielectric.

1 Quadrax A-1P1 A-1G1*
2 Quadrax B-2P2 B-2G2*
3 Quadrax C-3P3 C-3G3*
4 Quadrax D-4P4 D-4G4*
5 Quadrax E-5P5 E-5G5*
6 Quadrax F-6P6 F-6G6*
7 Quadrax G-7P7 G-7G7*
8 Quadrax H-8P8 H-8G8*
9 Quadrax I-9P9 I-9G9*
10 Quadrax J-10P10 J-10G10*
SERIES 792
High-Speed Ultraminiature Rectangular Connectors

792-022S Quadrax Right Angle PCB Plug Connectors
Epoxy-Sealed 90° PC Tail Quadrax Contacts

792-022S 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 (0.05)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In.</td>
<td>mm.</td>
<td>In.</td>
<td>mm.</td>
<td>In. mm.</td>
</tr>
<tr>
<td>A</td>
<td>1.455</td>
<td>36.96</td>
<td>1.075</td>
<td>27.31</td>
<td>.615 15.62</td>
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<tr>
<td>B</td>
<td>1.830</td>
<td>46.48</td>
<td>1.450</td>
<td>36.83</td>
<td>.990 25.15</td>
</tr>
<tr>
<td>C</td>
<td>2.205</td>
<td>56.01</td>
<td>1.825</td>
<td>46.36</td>
<td>1.365 34.67</td>
</tr>
<tr>
<td>D</td>
<td>2.580</td>
<td>65.53</td>
<td>2.200</td>
<td>55.88</td>
<td>1.740 44.20</td>
</tr>
<tr>
<td>E</td>
<td>2.955</td>
<td>75.06</td>
<td>2.575</td>
<td>65.41</td>
<td>2.115 53.72</td>
</tr>
</tbody>
</table>

792-022S Panel Cutout

PANEL CUTOUT

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Dimensions in Inches (millimeters) are subject to change without notice.
792-022S Quadrax Right Angle PCB Plug Connectors
Epoxy-Sealed 90° PC Tail Quadrax Contacts

792-022S Printed Circuit Board Layouts

A-1P1, A-1G1

A-3P1

B-6P2

B-2P2, B-2G2

C-3P3, C-3G3

C-9P3

D-4P4, D-4G4

D-12P4

E-5P5, E-5G5

E-15P5

DETAIL B QUADRAX PIN CONTACT
COMPONENT SIDE OF BOARD

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