Rack and Panel Connectors Side Mount

FEATURES
- Body components available with any desired pin and socket combination
- Floating contacts aid in withstanding vibration
- Locking device permits secure mount of individual sections or complete component

MATERIAL SPECIFICATIONS
Standard Body: Glass-filled diallyl phthalate per ASTM D 5948-96 green, flame retardant
Pin Contacts: Brass
Socket Contacts: Phosphor bronze
Contact Plating: Gold, 10 micro-inches

PHYSICAL SPECIFICATIONS
Minimum Creepage between Contacts: 0.20" [5.16 mm]
Minimum Air Space between Contacts: 0.16" [3.97 mm]
Maximum Wire Size: #16 AWG

DIMENSIONS in inches [millimeters]

<table>
<thead>
<tr>
<th>Component</th>
<th>G16P-AB</th>
<th>G16S-AB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pin Contact</td>
<td>0.250 [6.35]</td>
<td>0.250 [6.35]</td>
</tr>
<tr>
<td>“C” Ring</td>
<td>0.53 [13.5]</td>
<td>0.53 [13.5]</td>
</tr>
<tr>
<td>Solder Cup</td>
<td>0.34 [8.7]</td>
<td>0.34 [8.7]</td>
</tr>
</tbody>
</table>

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>G16</th>
<th>S</th>
<th>P</th>
<th>AB</th>
<th>B</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
<td>BODY STYLE</td>
<td>CONTACT VARIATIONS</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>G16 - Side Mount with 2 positions for #16 AWG contacts</td>
<td>P - Pin style body, S - Socket style body. These designators are used to identify mating connectors. If designator 3 is the same, a connector designated G16P will mate with a connector designated G16S</td>
<td>Designates pin contact positions in G16P connector and socket contact positions in a G16S connector</td>
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</tbody>
</table>

EXAMPLE 1: G16P-AB = Connector with pin contacts in position “A” and “B”
EXAMPLE 2: G16S-AB = Connector with socket contacts in positions “A” and “B” (would mate with Example 1 at left)
EXAMPLE 3: G16P-A = Connector with pin contact in position “A” and a socket contact in position “B” (would mate with Example 1 at left)
EXAMPLE 4: G16S-A = Connector with socket contact in position “A” and a pin contact in position “B” (would mate with Example 3 at left)
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