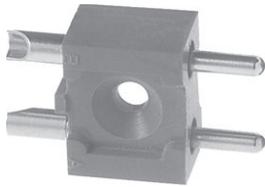


## Rack and Panel Connectors Side Mount



G16P-AB



G16S-AB

### APPLICATIONS

Broad - limited only by those applications requiring physical, electrical and/or materials specifications exceeding those indicated.

### ELECTRICAL SPECIFICATIONS

**Current Rating:** 13 A

**Breakdown Voltage (Contact to Contact):**

At sea level: 4000 V<sub>RMS</sub>

At 70 000 feet [21 336 meters]: 550 V<sub>RMS</sub>

### 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

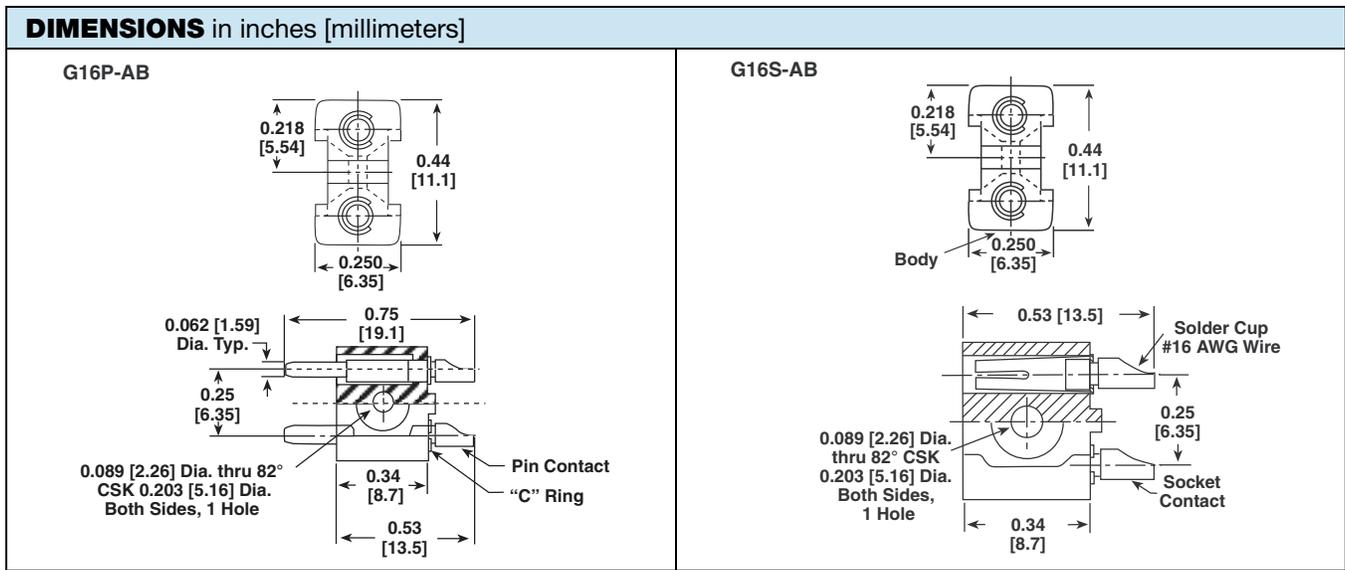
**Contact Plating:** Gold, 10 micro-inches

### 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



ORDERING INFORMATION			
<p><b>G16</b> MODEL</p>	<p><b>S</b> <b>P</b> BODY STYLE</p>	<p><b>AB</b> <b>B</b> <b>A</b> CONTACT VARIATIONS</p>	
<p>G16 - Side Mount with 2 positions for #16 AWG contacts</p>	<p>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</p>	<p>Designates pin contact positions in G16P connector and socket contact positions in a G16S connector</p>	
<p><b>EXAMPLE 1:</b> G16P-AB = Connector with pin contacts in position "A" and "B"</p>	<p><b>EXAMPLE 2:</b> G16S-AB = Connector with socket contacts in positions "A" and "B" (would mate with Example 1 at left)</p>	<p><b>EXAMPLE 3:</b> G16P-A = Connector with pin contact in position "A" and a socket contact in position "B"</p>	<p><b>EXAMPLE 4:</b> G16S-A = Connector with socket contact in position "A" and a pin contact in position "B" (would mate with Example 3 at left)</p>



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