

Rack and Panel Connectors Side Mount


G20P-A

G20S-A

APPLICATIONS

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

ELECTRICAL SPECIFICATIONS

Breakdown Voltage (Contact to Contact):

At sea level: 5000 V_{RMS}

At 70 000 feet [21 336 meters]: 650 V_{RMS}

Current Rating: 7.5 A

FEATURES

- Body components available with any desired pin and socket combination
- Contacts float in molding to aid in aligning and in withstanding vibration
- Polarization accomplished by reversed pin and socket combination
- Barriers for increased creepage distance
- Thru hold permits use of building block technique or flat mounting

MATERIAL SPECIFICATIONS

Standard Body: Glass-filled diallyl phthalate per ASTM D 5948-96 green, flame retardant

Pin Contacts: Brass

Socket Contacts: Phosphor bronze

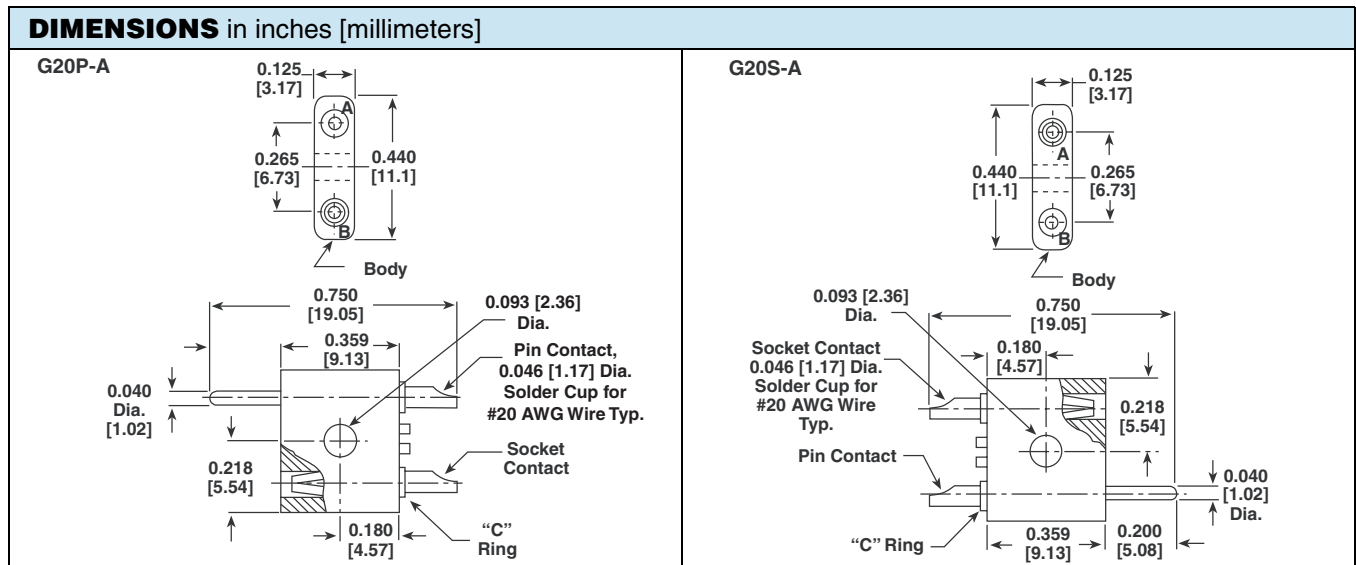
Contact Plating: Gold, 10 micro-inches

PHYSICAL SPECIFICATIONS

Minimum Creepage Path between Contacts: 0.25" [6.35 mm]

Minimum Air Space between Contacts: 0.19" [4.76 mm]

Maximum Wire Size: #20 AWG



ORDERING INFORMATION		
<p>G20 MODEL</p>	<p>S P BODY STYLE</p>	<p>AB B A CONTACT VARIATIONS</p>
G20 - Side Mount with 2 positions for #20 AWG contacts	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 G20P will mate with a connector designated G20S	Designates pin contact positions in a G20P connector or socket contact positions in a G20S connector
<p>EXAMPLE 1: G20P-A = Connector with pin contact in position "A" and socket contact in position "B"</p>	<p>EXAMPLE 2: G20S-A = Connector with socket contact in position "A" and pin contact in position "B" (would mate with example 1 at left)</p>	<p>EXAMPLE 3: G20P-AB = Connector with pin contacts in both positions (would mate with G20S-AB)</p>



Disclaimer

All product specifications and data are subject to change without notice.

Vishay Intertechnology, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "Vishay"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product.

Vishay disclaims any and all liability arising out of the use or application of any product described herein or of any information provided herein to the maximum extent permitted by law. The product specifications do not expand or otherwise modify Vishay's terms and conditions of purchase, including but not limited to the warranty expressed therein, which apply to these products.

No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by any conduct of Vishay.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications unless otherwise expressly indicated. Customers using or selling Vishay products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify Vishay for any damages arising or resulting from such use or sale. Please contact authorized Vishay personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.