Rack and Panel Connectors Side Mount

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

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

ELECTRICAL SPECIFICATIONS
- **Current Rating:** 7.5 A
- **Breakdown Voltage (Contact to Contact):**
  - At sea level: 5000 VRMS
  - At 70 000 feet [21 336 meters]: 650 VRMS

DIMENSIONS in inches [millimeters]

ORDERING INFORMATION
- **G20**
  - Side Mount with 2 positions for #20 AWG contacts

EXAMPLE 1:
- G20P-A = Connector with pin contact in position “A” and socket contact in position “B”

EXAMPLE 2:
- G20S-A = Connector with socket contact in position “A” and pin contact in position “B” (would mate with example 1 at left)

EXAMPLE 3:
- G20P-AB = Connector with pin contacts in both positions (would mate with G20S-AB)
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