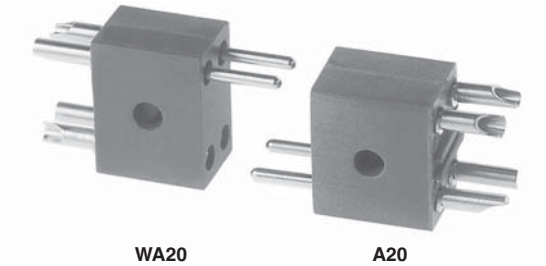
Rack and Panel Connectors

Side Mount



WA20 A20

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: 2000 V RMS

At 70 000 feet [21 336 meters]: 500 V RMS

Current Rating: 7.5 amps

FEATURES

- Body components available with any desired pin and socket combination
- Floating contacts
- Polarization accomplished by reversed pin and socket combination
- Model A20 has barriers for increased creepage distance
- Thru hole 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

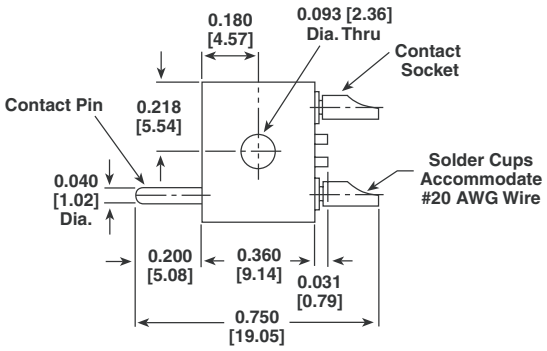
Minimum Creepage Path between Contacts:
A20 = 0.08" [2.03 mm]; WA20 = 0.05" [1.27 mm]

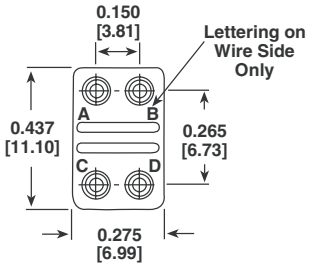
Minimum Air Space between Contacts:
A20 = 0.08" [2.03 mm]; WA20 = 0.05" [1.27 mm]

Contact, Center to Center: A20 = 0.150" [3.18 mm]; WA20 = 0.125" [3.17 mm]

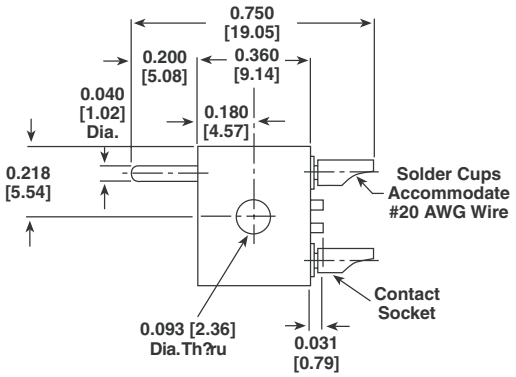
DIMENSIONS in inches [millimeters]

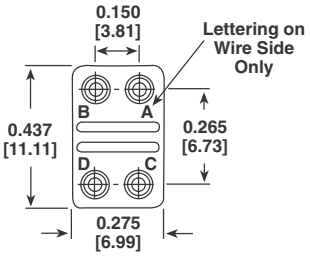
A20P-CD





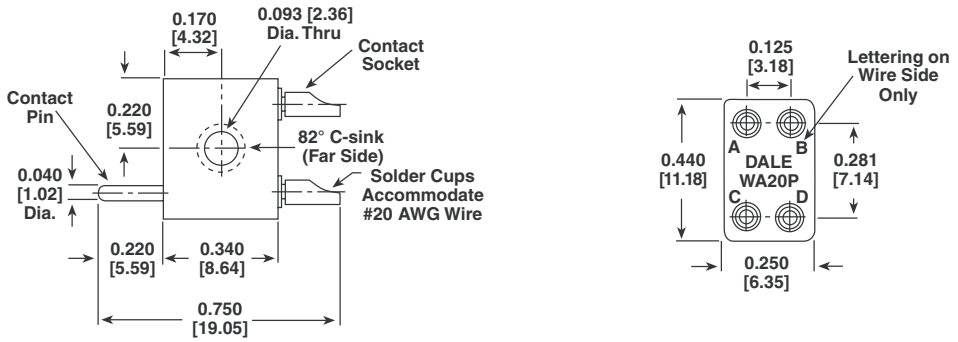
A20S-CD



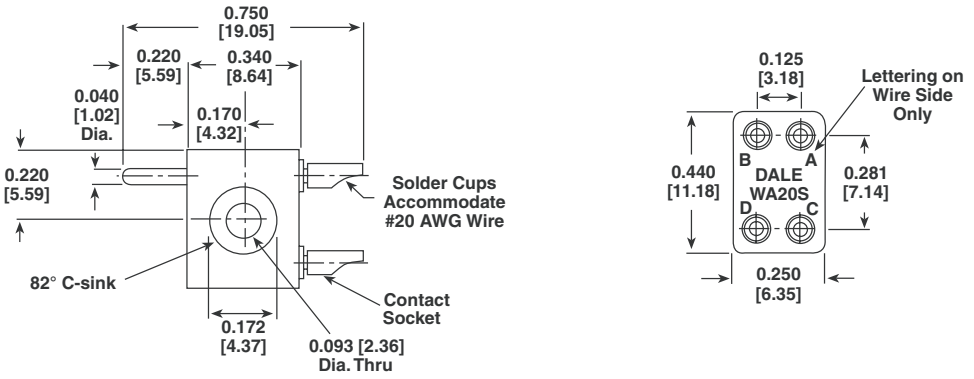


DIMENSIONS in inches [millimeters]

WA20P-CD



WA20S-CD



ORDERING INFORMATION

A20 WA20 MODEL	P BODY STYLE	AB CONTACT LOCATION	A EMPTY CONTACT POSITIONS
Side Mount with 4 positions for #20 AWG contacts.	P - Designates pin style body. S - Designates socket style body. These designations are used to identify mating connectors, however, any combination of pin and socket contacts may be ordered in either style body. Therefore, when designators 3 and 4 are the same, a connector designated A20P or WA20P will mate with a connector designated A20S or WA20S. **Example:** A20P-CD mates with A20S-CD A20S-AB mates with A20P-CD	Designates pin contact positions in an A20P or WA20P connector or socket contact positions in an A20S or WA20S connector (specify “A”, “B”, “C”, “D” or any combination of the four).	Specify by contact identification letter (A, B, etc.) any contact positions which are to be left empty (omit, if none required).

EXAMPLE 1:
A20P-CD or WA20P-CD = Connector with pin contacts in positions “C” and “D” and socket contacts in positions “A” and “B”.

EXAMPLE 2:
A20S-CD or WA20S-CD = Connector with socket contacts in positions “C” and “D” and pin contacts in positions “A” and “B” (would mate with Example 1 at left).

EXAMPLE 3:
A20P-BC or WA20P-BC-A = Connector with pin contacts in positions “B” and “C”,socket contact in position “D” and no contact in position “A” (would mate with A20S-BC or WA20S-BC-A).

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