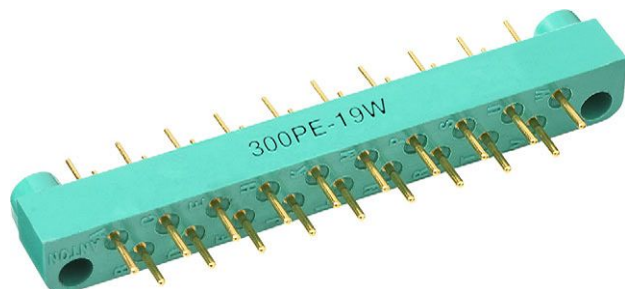


Printed Circuit Dip Solder Connector



APPLICATIONS

Where permanent mounting of male connector to printed circuit board is required with mating female connector available.

ELECTRICAL SPECIFICATIONS

Current Rating: 7.5 A

Breakdown Voltage:

at sea level: 3600 V_{RMS}

at 70 000 feet: 975 V_{RMS}

FEATURES

- Right angle or straight through dip solder terminals
- Threaded mounting studs
- Male contacts molded in
- Mating connector has solder cup or dip solder terminals
- Female contacts float to aid in alignment and resist vibration
- Permanent mounting provides greater reliability
- Polarization provided by contact arrangement and guide pin location
- Meets applicable paragraphs of MIL-C-55302

MATERIAL SPECIFICATIONS

Contact Pin: phosphor bronze

Contact Socket: phosphor bronze

Contact Plating: gold plated

Guide Pins: stainless steel, passivated

Standard Body: glass-filled diallyl phthalate per MIL-M-14, type SDG-F green; other body material supplied upon request

PHYSICAL SPECIFICATIONS

Number of Contacts: 7, 15, 19, and 25

Contact Spacing: 0.250", staggered rows provide a 0.125" grid

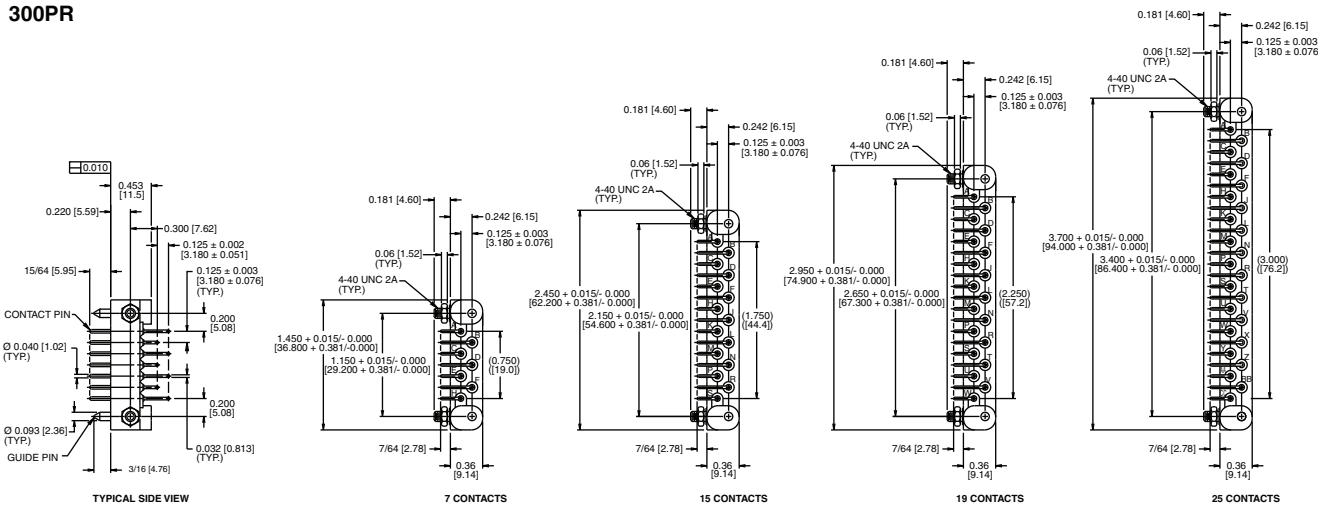
Contact Gauge: #20 AWG

Minimum Creepage Path between Contacts: 0.16"

Minimum Air Space between Contacts: 0.11"

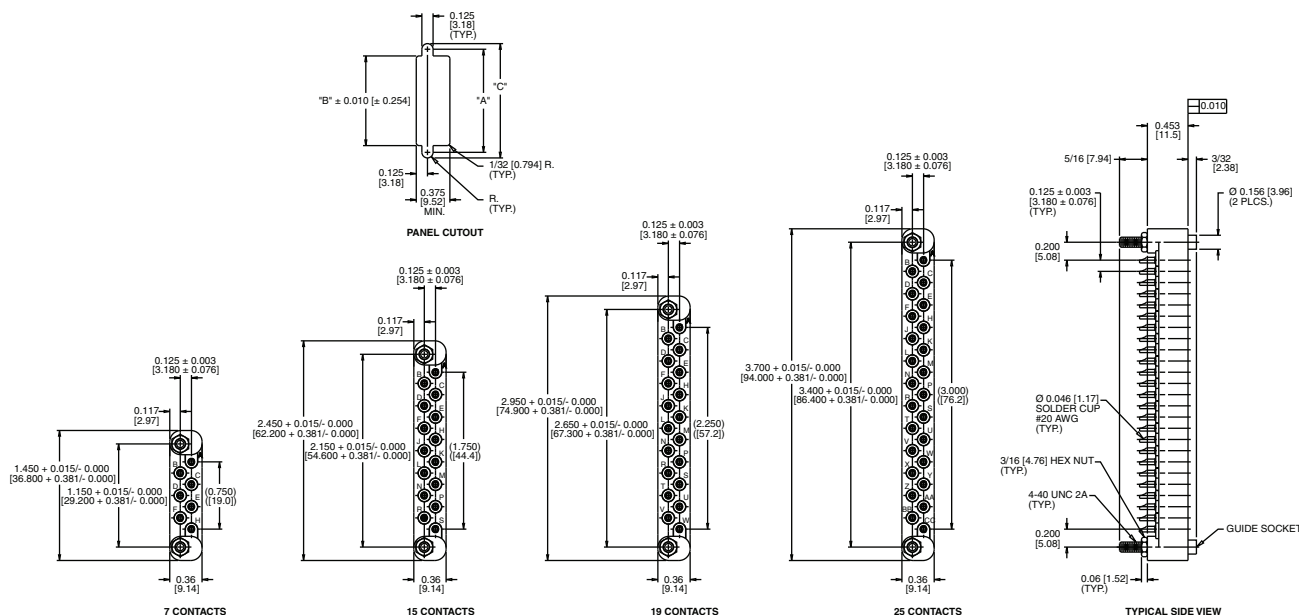
DIMENSIONS in inches (millimeters)

300PR

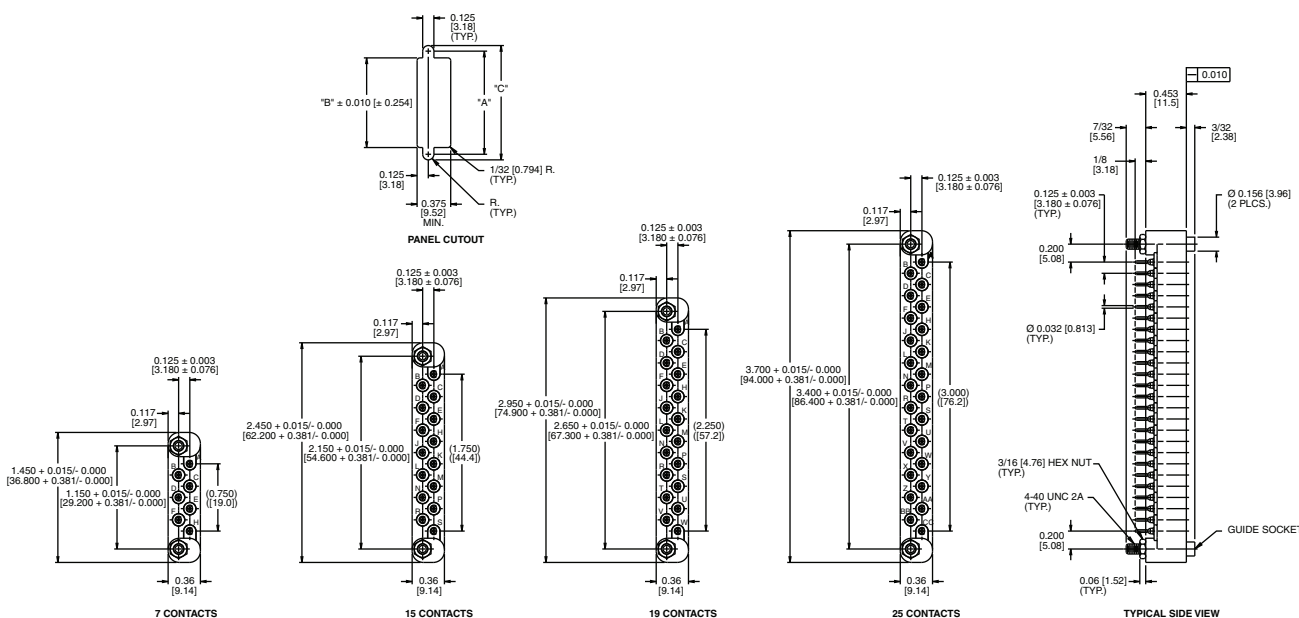


DIMENSIONS in inches (millimeters)

300S



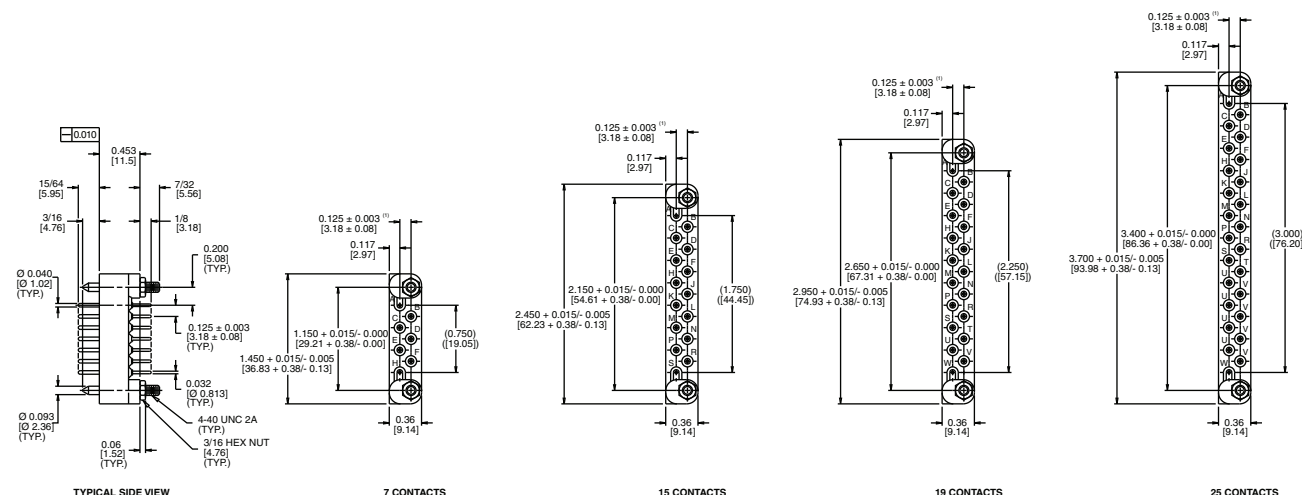
300SE





DIMENSIONS in inches (millimeters)

300PE



Note

(1) 0.003" tolerance applies to contact to contact spacing, contact to mounting hole spacing has a tolerance of 0.035"

ORDERING INFORMATION

300 MODEL	PR CONTACTS	-7 NUMBER OF CONTACTS	W WITHOUT GUIDES (optional on S, PE, and SE models only)
	S = Socket with solder cup PE = Pin with dip solder terminals SE = Socket with dip solder terminals PR = Pin with right angle dip solder terminals		



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