Vishay Dale

# **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<sub>RMS</sub>
at 70 000 feet: 975 V<sub>RMS</sub>

#### **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

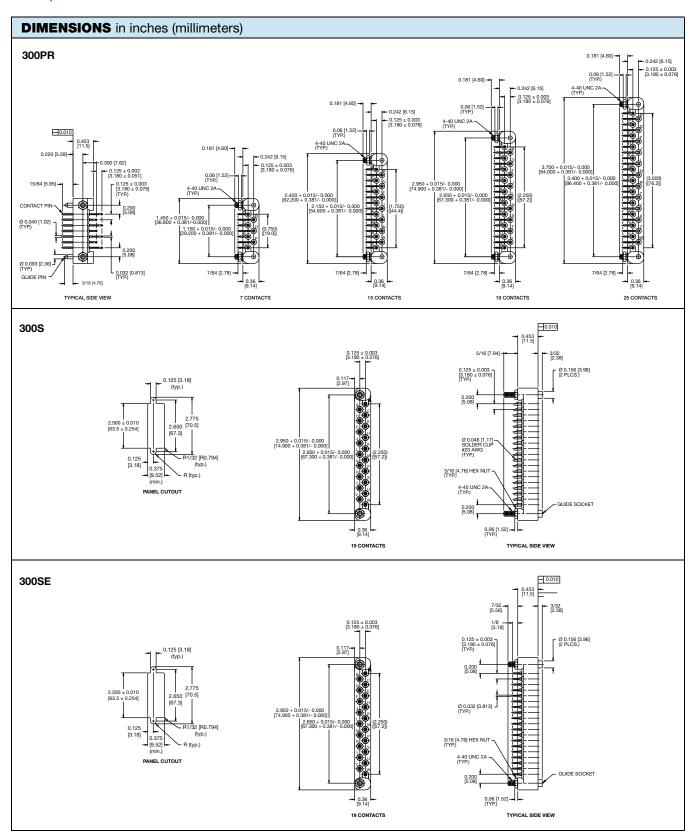
Contact Gauge: #20 AWG

Minimum Creepage Path between Contacts: 0.16"
Minimum Air Space between Contacts: 0.11"

ORDERING INFORMATION				
300	PR	-7	W	
MODEL	CONTACTS	NUMBER OF CONTACTS	WITHOUT GUIDES	
	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		(optional on S, PE, and SE models only)	

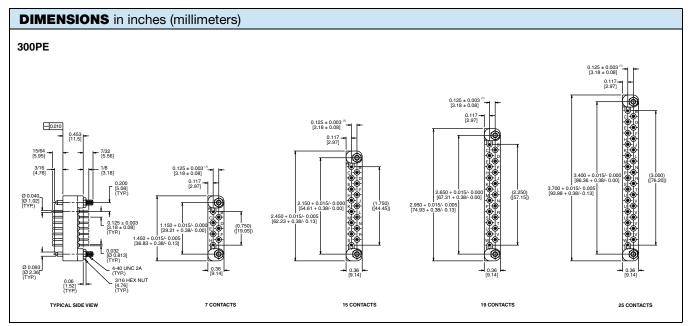
MODEL NUMBERS AVAILABLE				
7 CONTACTS	15 CONTACTS	19 CONTACTS	25 CONTACTS	
300PE-7 300PE-7W 300PR-7	300PE-15 300PE-15W 300PR-15	300PE-19 300PE-19W 300PR-19 300S-19 300S-19W 300SE-19 300SE-19W	300PE-25 300PE-25W 300PR-25	





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#### Note

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



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