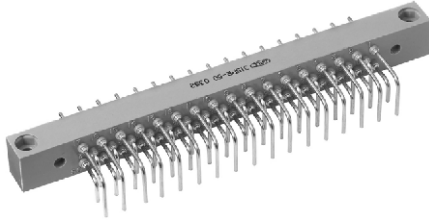


## Printed Circuit Dip Solder Connector



### MATERIAL SPECIFICATIONS

**Contact Pin:** Dip solder phosphor bronze

**Contact Pin-Solder Cup:** Brass

**Contact Socket:** Phosphor bronze (closed entry)

**Contact Plating:** Gold

**Guides:** Stainless steel, passivated

**Nut:** Aluminum, anodized

**Standard Body:** Glass-filled diallyl phthalate per MIL-P-19833, type GDI-30F, green. Other materials available upon request

### PHYSICAL SPECIFICATIONS

**Number of Contacts:** 50

**Contact Spacing:** 0.200", staggered rows provide a 0.100" grid

**Contact Gauge:** #20 AWG

**Minimum Creepage Path between Contacts:** 0.11"

**Minimum Air Space between Contacts:** 0.06"

### FEATURES

- Polarization guide components are interchangeable between plug and receptacle. Each may be orientated in any of 6 positions to provide selective keying. A total of 144 keying variations are possible.
- Right angle dip solder terminals, straight through available on request
- Holes provided for threaded mounting studs
- Female contacts float to aid in alignment and resist vibration
- Closed entry female contacts prevent insertion of oversize probes
- Meets applicable paragraphs of MIL-C-8384

### APPLICATIONS

Designed for printed circuit applications requiring 50 contacts.

### ELECTRICAL SPECIFICATIONS

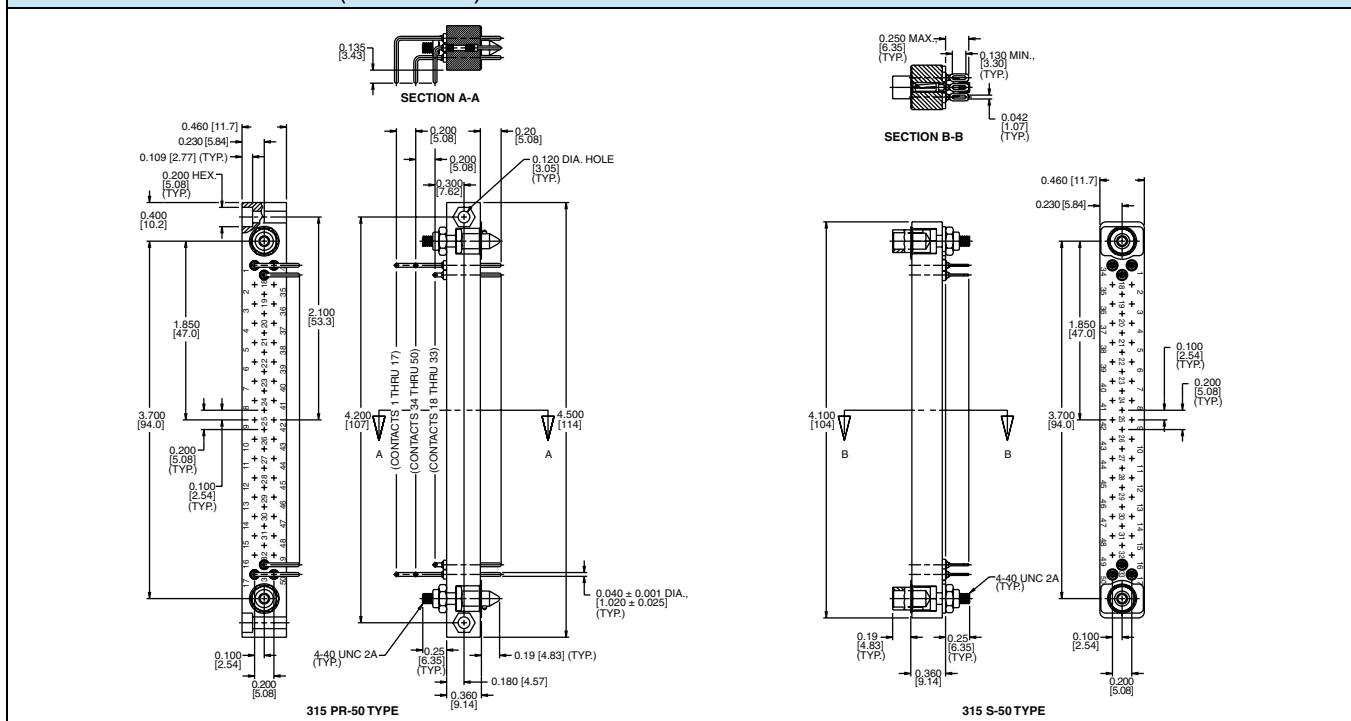
**Current Rating:** 7.5 A

**Breakdown Voltage:**

At sea level: 2500 V<sub>RMS</sub>

At 70 000 feet: 600 V<sub>RMS</sub>

### DIMENSIONS in inches (millimeters)



# Series 315

Vishay Dale

Printed Circuit Dip Solder Connector



## ORDERING INFORMATION

315  
MODEL

PR  
CONTACTS

-50  
NUMBER OF CONTACTS

PR = Pin with right angle dip solder terminals

S = Socket



## Disclaimer

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