## Series 303

Vishay Dale



# **Printed Circuit Dip Solder Connector**



#### APPLICATIONS

For use in equipment requiring printed circuit connectors of the dip solder type with mating female connector.

#### **ELECTRICAL SPECIFICATIONS**

Current Rating: 3 A

Breakdown Voltage, Contact to Contact and Contact to Ground:

At sea level: 1200  $V_{\text{RMS}}$  At 70 000 feet: 325  $V_{\text{RMS}}$ 

#### FEATURES

- · Guide pins polarize connectors and aid in alignment
- Mounting studs provide easy, vibration-resistant mounting to circuit board
- Male contacts molded in. Female contacts float which aids in alignment and enables connectors to withstand vibration
- Long, thin, three-row design requires a minimum of space
- Meets applicable paragraphs of MIL-C-8384

### MATERIAL SPECIFICATIONS

Contact: Phosphor bronze, gold plated

Studs, Guides, Washersm Nuts: Corrosion-resistant steel, passivated

**Standard Body:** Glass-filled diallyl phthalate per MIL-P-19833, type GDI-30 green

#### PHYSICAL SPECIFICATIONS

Number of Contacts: 45

Minimum Creepage between Contacts: 0.06"

Minimum Air Space between Contacts: 0.02"

Contacts, Center to Center: 0.050"

Temperature Range: Operating and non-operating; - 62  $^{\circ}\text{C}$  to + 125  $^{\circ}\text{C}$ 



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ORDERING INFORMATION		
303	PR	-45
MODEL	CONTACTS	NUMBER OF CONTACTS
PR = Pin with right angle dip solder terminals		
S = Socket		



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