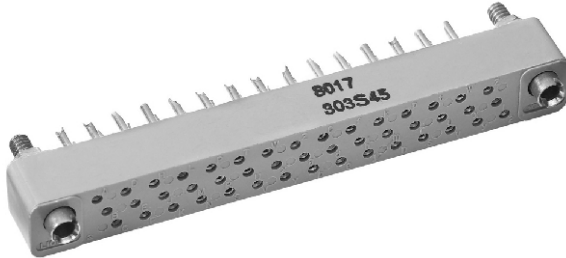


## Printed Circuit Dip Solder Connector



### 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<sub>RMS</sub>

At 70 000 feet: 325 V<sub>RMS</sub>

### 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, Washers, 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

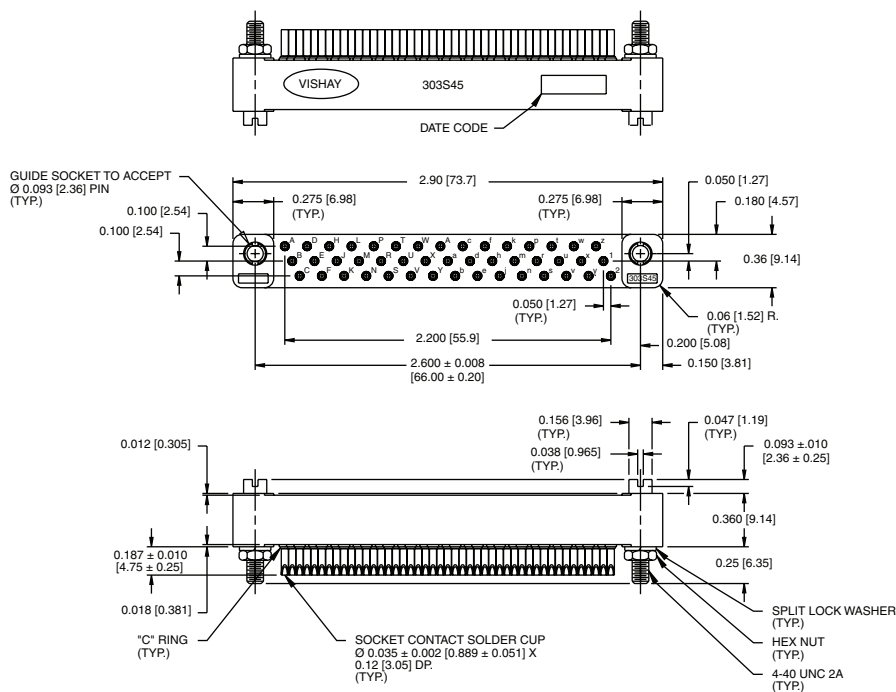
**Minimum Creepage between Contacts:** 0.06"

**Minimum Air Space between Contacts:** 0.02"

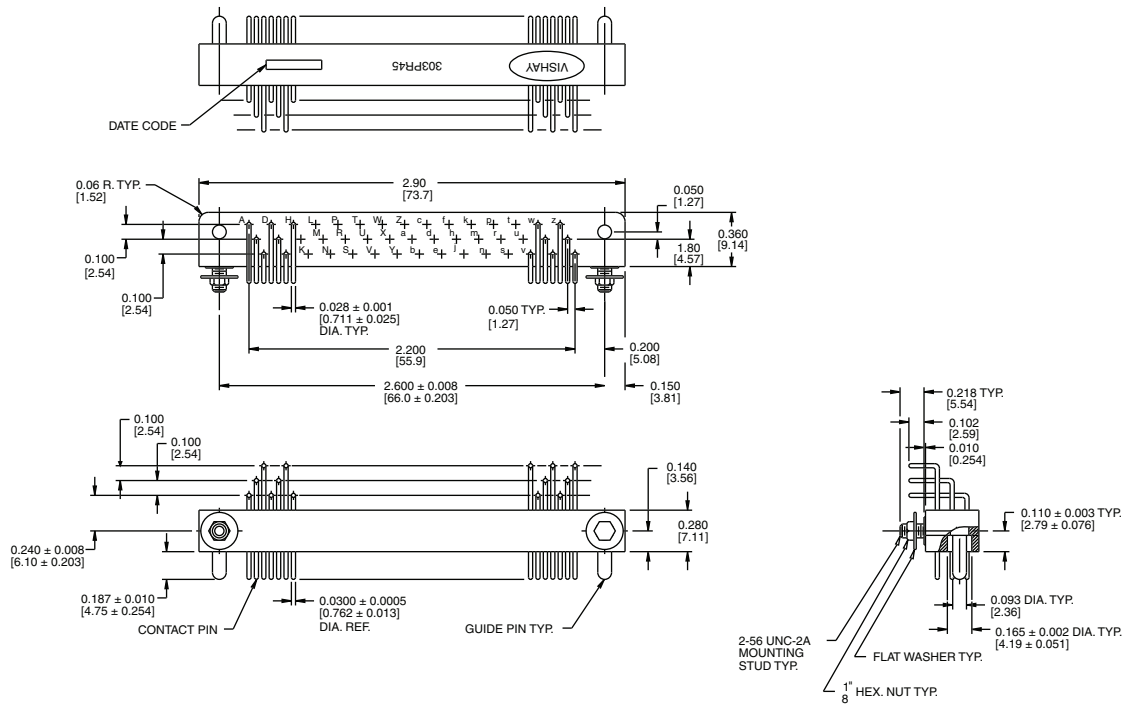
**Contacts, Center to Center:** 0.050"

**Temperature Range:** Operating and non-operating; - 62 °C to + 125 °C

### DIMENSIONS in inches (millimeters)



**DIMENSIONS** in inches (millimeters)



**ORDERING INFORMATION**

**303**  
MODEL

**PR**  
CONTACTS

**-45**  
NUMBER OF CONTACTS

PR = Pin with right angle dip solder terminals  
S = Socket



## Disclaimer

All product specifications and data are subject to change without notice.

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