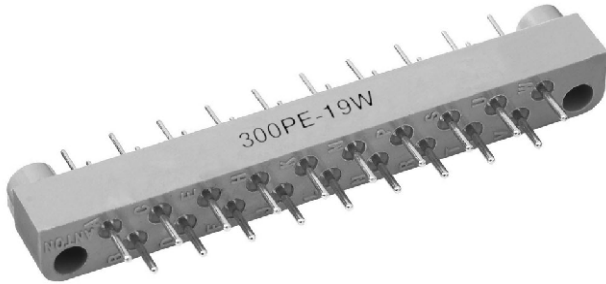


Printed Circuit Dip Solder Connector



APPLICATIONS

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

ELECTRICAL SPECIFICATIONS

Current Rating: 7.5 amps

Breakdown Voltage:

At Sea Level: 3600 VRMS,

At 70 000 ft: 975 VRMS

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

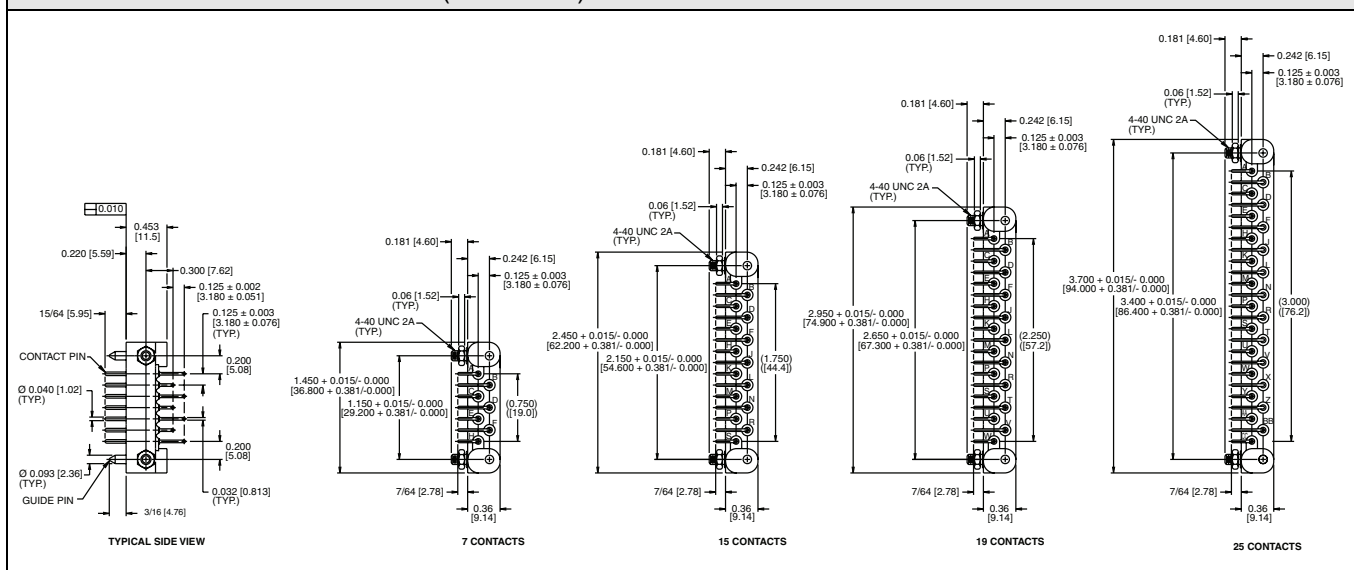
Contact Spacing: 0.250", staggered rows provide a 0.125" grid

Contact Gauge: #20 AWG

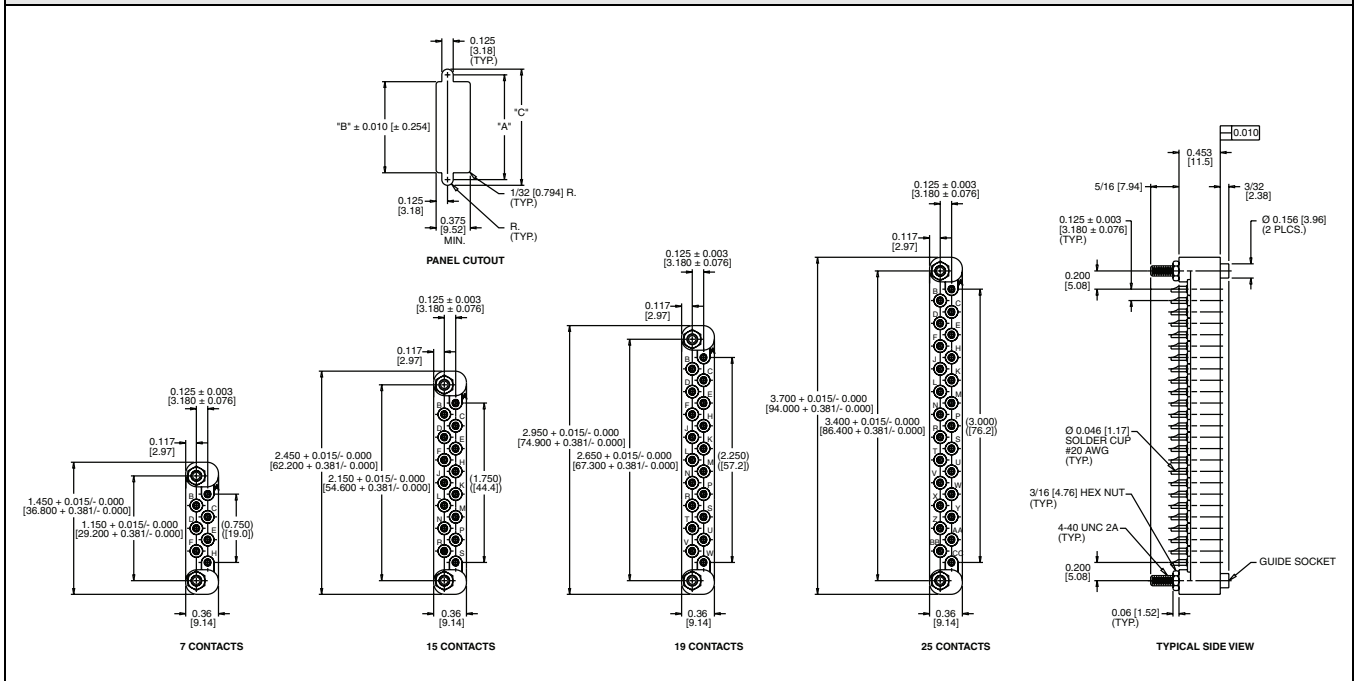
Minimum Creepage Path between Contacts: 0.16"

Minimum Air Spacebetween Contacts: 0.11"

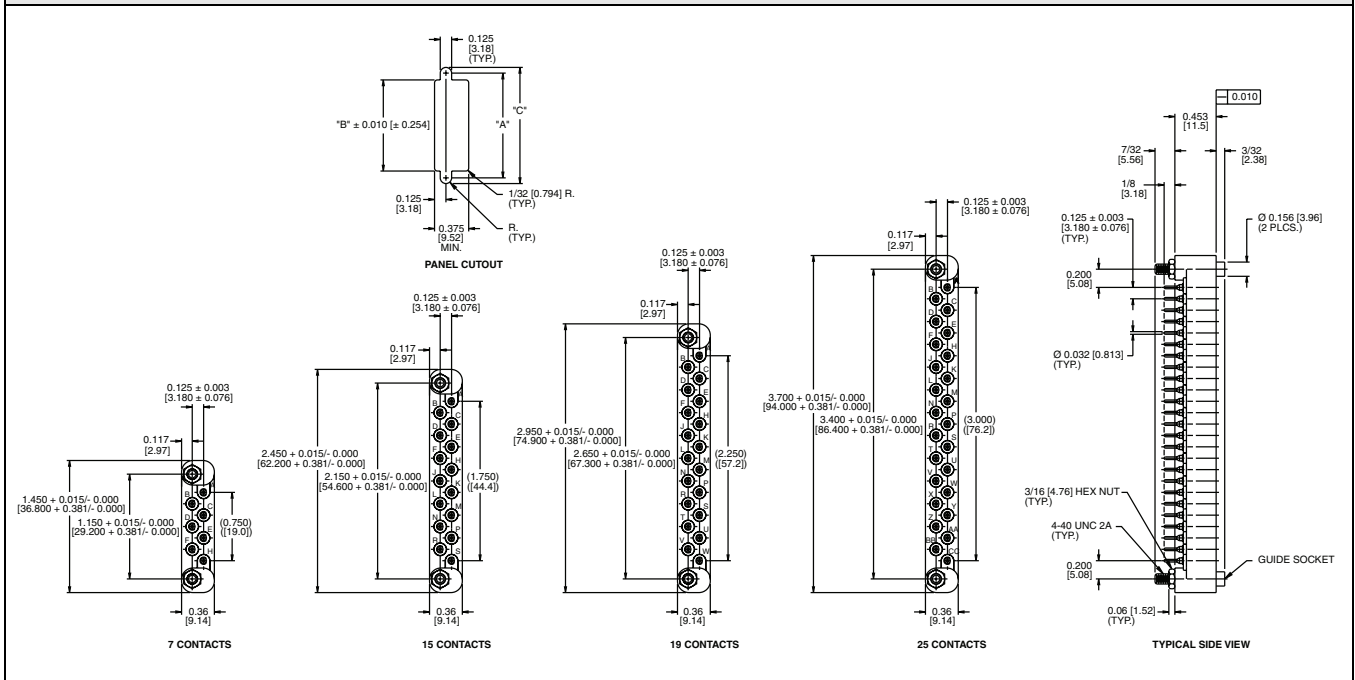
DIMENSIONS 300PR in inches (millimeters)



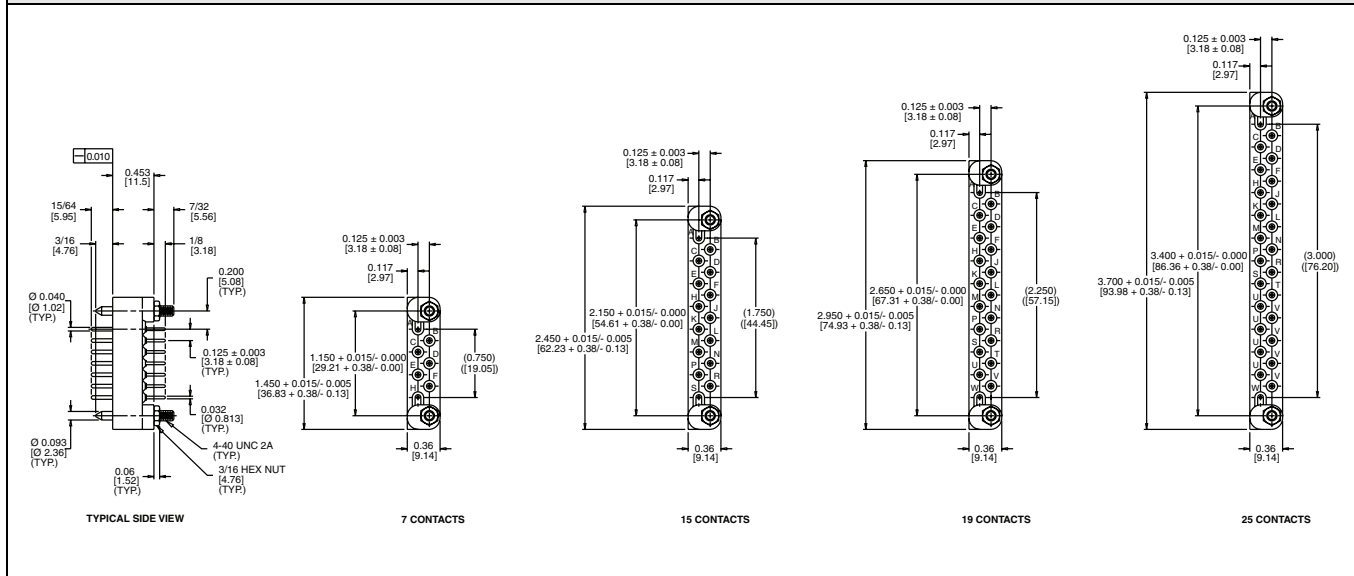
DIMENSIONS 300S in inches (millimeters)



DIMENSIONS 300SE in inches (millimeters)



DIMENSIONS 300PE in inches (millimeters)



GLOBAL PART NUMBER

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



Notice

Specifications of the products displayed herein are subject to change without notice. Vishay Intertechnology, Inc., or anyone on its behalf, assumes no responsibility or liability for any errors or inaccuracies.

Information contained herein is intended to provide a product description only. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document. Except as provided in Vishay's terms and conditions of sale for such products, Vishay assumes no liability whatsoever, and disclaims any express or implied warranty, relating to sale and/or use of Vishay products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright, or other intellectual property right.

The products shown herein are not designed for use in medical, life-saving, or life-sustaining applications. Customers using or selling these products for use in such applications do so at their own risk and agree to fully indemnify Vishay for any damages resulting from such improper use or sale.