

Product Data Sheet

Amphenol® Press Fit Connectors for Printed Circuit Board Applications

No. 188

Amphenol manufactures a complete series of MIL-DTL-38999 Series I, II and III Connectors with Press Fit compliant pin contacts for solderless mounting on printed circuit boards. Both pin and socket contacts are available in any MIL-DTL-38999 Series I, II or III insert pattern having contact size 16, 20 or 22D. Request the following catalogs for insert and shell style availability information:

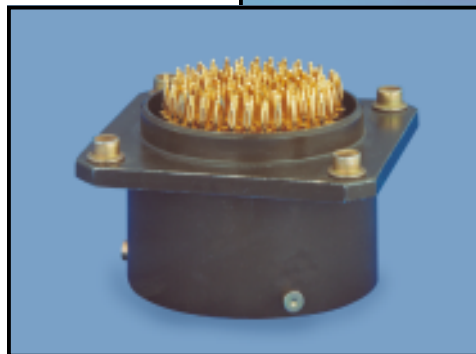
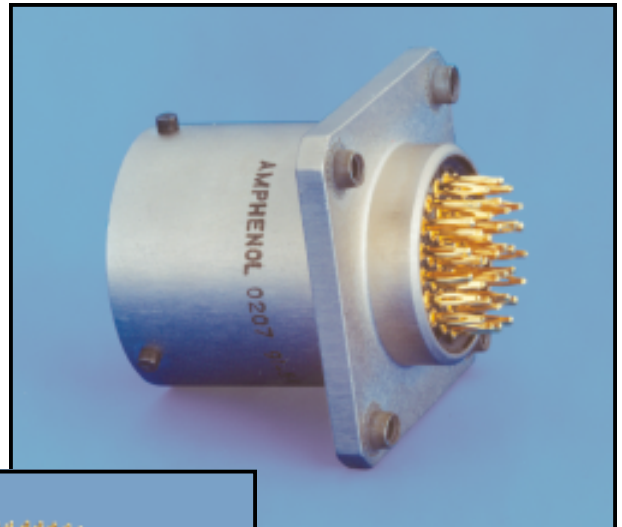
- 12-092, Amphenol® Tri-Start Subminiature Cylindrical Connectors (MIL-DTL-38999 Series III)
- 12-090, Amphenol® JT/LJT Subminiature Cylindrical Connectors (MIL-DTL-38999 Series I and II)

Benefits include:

- High speed, low cost board assembly
- Elimination of soldering thermal stress
- No cold soldered joints
- No short circuits by soldered connections
- No cleaning of excess flux

Press fit connectors accommodate boards with minimum 0.090 inch thickness and 0.040 +/- .003 plated through holes. The insertion force for mounting the connector on the board is 7 to 16 pounds per contact.

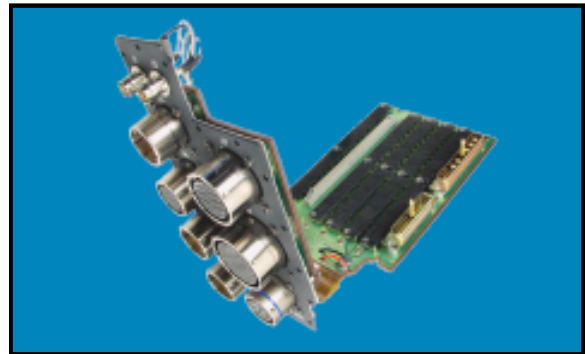
These connectors are sold completely assembled. They are also available fully pre-assembled on a blackplane assembly.



Amphenol Press Fit Connectors for solderless mounting on printed circuit boards.



Amphenol Compliant Pin Contacts



Press Fit Connectors on Printed Circuit Board

Contact your local sales engineer for further details or contact Amphenol at:

Amphenol Aerospace, 40-60 Delaware Ave. Sidney, NY 13838-1395

Phone: 800-678-0141 or 607-563-5011 Fax: 607-563-5157

Website: www.amphenol-aerospace.com

Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

AMPHENOL is a registered trademark of Amphenol Corporation.

©2002 Amphenol Corporation

Amphenol

Printed in U.S.A. 7/2000