Z-PACK HM-Zd Connector (Continued)

Power and Guide Hardware

Universal Power Module
Vertical Receptacle (3 Pos.)

The Tyco Electronics Universal Power Module is a three position, modular, Hard Metric board-to-board power connector designed to be compatible with Z-PACK 2mm HM Connectors. The design is in an "inverse-sex" orientation and the vertical receptacle module meets the IEC 950 safety requirements for finger probe protection.

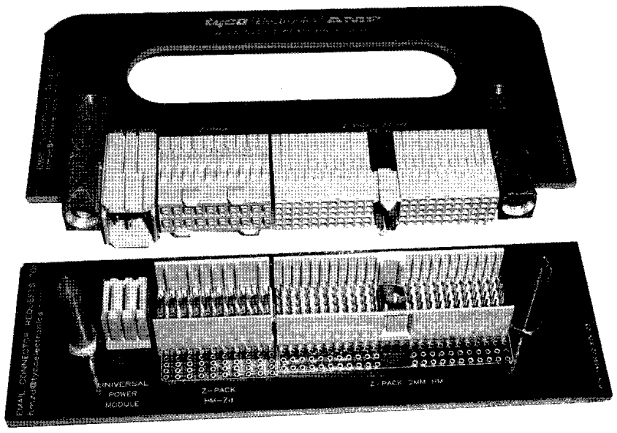
Both the headers and receptacle utilize Tyco Electronics ACTION PIN press-fit leads for ease of assembly onto printed circuit boards. Additionally, the vertical receptacle leads are polarized to allow only one orientation onto the printed circuit board, eliminating the possibility of reverse placement.

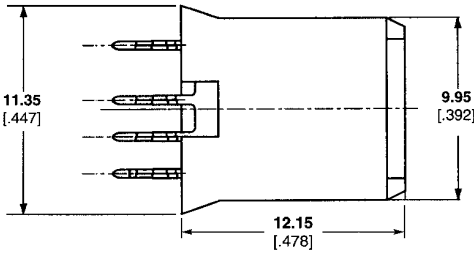
The Universal Power Module is compatible with a wide variety of other Tyco Electronics board-to-board connectors including Z-PACK HS3, Z-PACK HM-Zd, Z-PACK Strip-line 100, AMP-HDI, TBC, TBC Plus and Eurocard connectors.

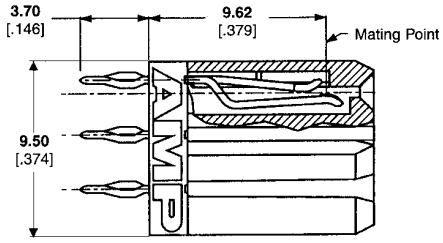
The housings are thermoplastic and the contacts are offered in either a standard or high current copper alloy. Contact finish is gold over nickel on the mating surfaces. The contacts are designed to carry 10 amperes per contact in standard assemblies and 15 amperes per contact in the high current assemblies. Actual values may vary depending upon connector size, board design, etc.

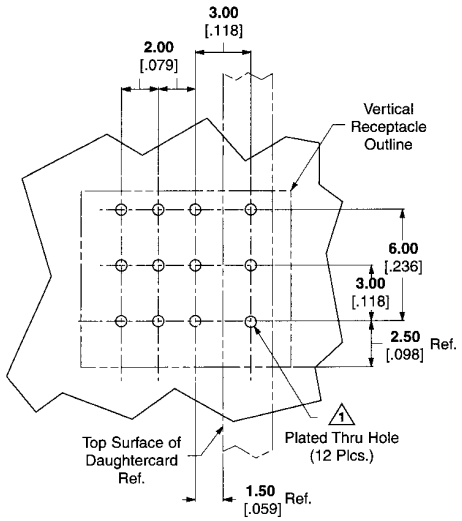
The right angle header contacts are available with sequenced lengths for "make-first/break-last" applications.

Generous alignment features designed into the housings and optional guide pins and receptacles make the Tyco Electronics Universal Power Module ideal for "blind mating" applications.









Recommended PC Board Hole Layout

	Position Loaded	Part Numbers
Vertical Receptacle	ABC	223955-2
	AC	223984-1
High Current	ABC	5-223955-2

1 PCB Hole Dim.
Drilled Hole = **0.7000** ± **0.025** [.02756 ± .0010]
Finished Hole = **0.60** ± **0.05** [.024 ± .002]
Cu Thickness = **0.375** ± **0.0125** [.0148 ± .00049]
SnPb Thickness = **0.007** ± **0.003** [.0003 ± .0001]

Note: For finishes other than tin-lead, reference Application Specification 114-1103.

Catalog 1773095
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Dimensions are in millimeters and inches unless otherwise specified. Values in brackets are U.S. equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-5-729-0425

South America: 55-11-3611-1514
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-141-810-8967