

Z-PACK HM-Zd Connector (Continued)

Power and Guide Hardware
(Continued)

Expanded Universal Power Module Vertical Receptacles

Material and Finish

Housing — Polyester, gray
Contact — Copper alloy, plated 0.00127 [0.00050] min. gold in mating area, 0.00050 [0.00020] min. tin-lead on ACTION PIN area, with entire contact underplated 0.00127 [0.00050] min. nickel

Related Product Data

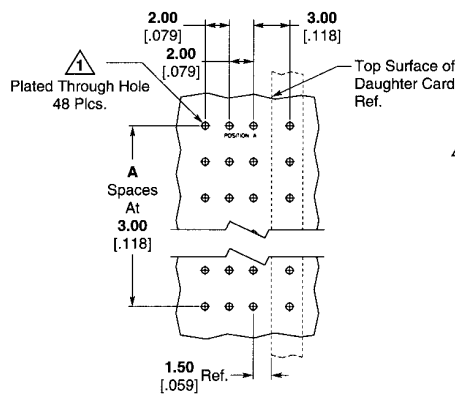
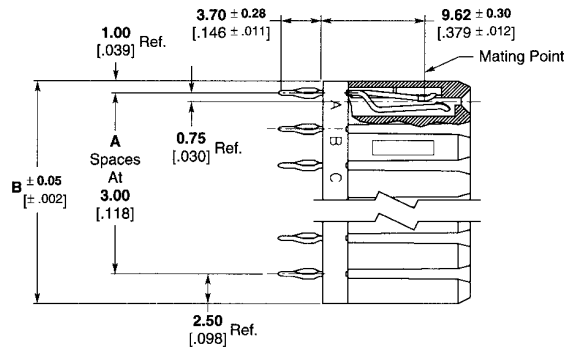
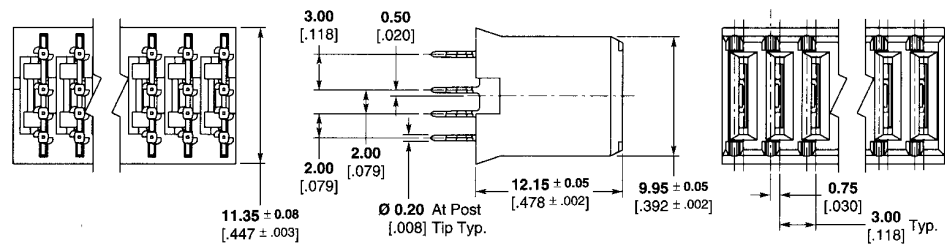
Guiding Hardware (Optional) — pages 21-23

Application Tooling

Header
 Seating Tool, 224441-1
 Board Support Fixture, 224442-1
Receptacle
 Seating Tool, 224421-1
 Board Support Fixture, 217602-1

Technical Documents

Product Specification
 108-1651
Application Specification
 114-1103
Tyco Electronics Instruction Sheet
 408-4169 (Receptacle)
 Seating Tool 224421-1)



PCB Hole Dim.
 Drilled Hole = 0.7000 ± 0.025 [0.2756 ± 0.0010]
 Finished Hole = 0.60 ± 0.05 [0.24 ± 0.002]
 Cu Thickness = 0.375 ± 0.0125 [0.148 ± 0.0049]
 SnPb Thickness = 0.007 ± 0.003 [0.0003 ± 0.0011]

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

Recommended PCB Hole Layout

Position	A	B Ref.	Standard *10A Part Number	High Current *15A Part Number
4	3	12.50 .492	223995-1	120953-1
5	4	15.50 .610	223995-2	120953-2
6	5	18.50 .728	223995-3	120953-3
7	6	21.50 .846	223995-4	120953-4
8	7	24.50 .965	223995-5	120953-5

*Reference Product Specification 108-1651.

Note: For additional Power Module options reference Catalog 1773096, "Power Connectors and Interconnection Systems," or contact your Tyco Electronics Sales Representative.