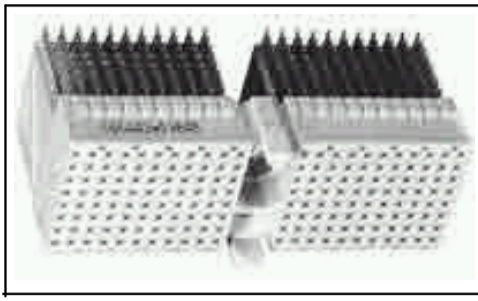


Product Details for 5646442 - 1



5646442 - 1

[Active](#)

**2mm Hard Metric PCB Mount Connectors
(Z - PACK 2mm HM)**

[RoHS Compliant \(Statement of Compliance\)](#)

Product Highlights:

- ? Connector
- ? Connector Type = Type D, 25 Column
- ? Receptacle
- ? Interface Type = 2mm HM
- ? Contact Type = ACTION PIN Post

[View all Features](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(2\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- ? [R/A RECEPTACLE ASSY, 176 POSN, TTR 8 ROW, TYPE D, Z -...](#)
(PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? None Available

Application Specifications:

- ? None Available

Instruction Sheets:

- ? None Available

CAD Files:

- ? None Available

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)
- ? [Mating Products \(2\)](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- ? [Product Type](#) = Connector
- ? Connector Type = Type D, 25 Column
- ? [Gender](#) = Receptacle
- ? [Number of Positions](#) = 176
- ? [PCB Mount Angle](#) = Right Angle
- ? [Mating Polarization](#) = With
- ? [Mating Polarization Method](#) = Multi -Purpose Center
- ? [Shielded](#) = No

Mechanical Attachment:

- ? [Board Mount](#) = Free Board
- ? Module Length (mm [in]) = 48.00 [1.891]
- ? [Crosstalk Version](#) = Standard
- ? AMP Standard Option Number = 1

Termination Related Features:

- ? [Interface Type](#) = 2mm HM
- ? Termination End Plating = Tin over Nickel

Body Related Features:

- ? [Number of Rows](#) = 8
- ? [Grounding Contact](#) = Without
- ? Rows Loaded = A, B, D, G, H, F, E, C

Contact Related Features:

- ? Contact Type = ACTION PIN Post, Signal
- ? [Feedthrough Post Length \(mm \[in\]\)](#) = 3.30 [0.130]
- ? [CompactPCI](#) = Yes
- ? [Contact Mating Area Plating](#) = Gold (30) over Nickel (50)
- ? Contact Material = Phosphor Bronze

Housing Related Features:

- ? Housing Material = Glass -Filled Polyester
- ? Housing Color = Gray
- ? Housing Flammability Rating = UL 94V -0

Industry Standards:

- ? [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- ? [Lead Free Solder Processes](#) = Not relevant for lead free process
- ? RoHS/ELV Compliance History = Always was RoHS compliant

Other:

- ? Brand = Tyco Electronics