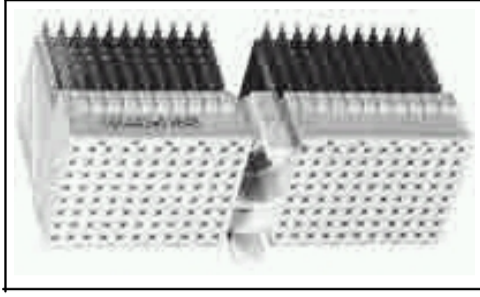


**Product Details for 5646486 - 1**



**5646486 - 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 Z -PACK 2mm HM, TYPE D ...](#) (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](#) = Yes
- ? Shield Material = Phosphor bronze

**Mechanical Attachment:**

- ? [Board Mount](#) = Free Board
- ? Module Length (mm [in]) = 48.00 [1.891]
- ? [Crosstalk Version](#) = Standard
- ? AMP Standard Option Number = 1
- ? Shield Style = Ground Return Shielding
- ? Shield Type = Upper

**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, C, E, H, G, F, D
- ? Shield Plating = Nickel

**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 = AMP