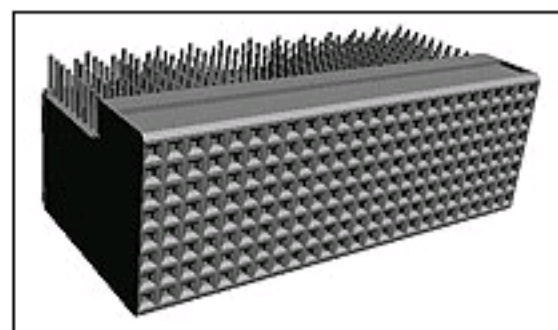




5646487-9 Product Details

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5646487-9

TE Internal Number: 5646487-9
Active

View 3D PDF

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

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Connector Assembly
- Connector Style = Receptacle
- Type = Type E
- Interface Type = 2mm HM

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [R/A RECEPTACLE ASSY, 200 POSN Z-PACK 2mm HM, TYPE E ... \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, Z-PACK, 8 Row, 2mm HM \(PDF, English\)](#)

Application Specifications:

- [Z-PACK 2mm HM Interconnection System for Board-to-Bo... \(PDF, English\)](#)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version A\)](#)
- [3D Model \(IGES, Version A\)](#)
- [3D Model \(STEP, Version A\)](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

[List all Documents](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Connector Assembly
- PCB Mounting Orientation = Right Angle
- Shield Material = Phosphor bronze

Mechanical Attachment:

- Board Mount = Free Board
- AMP Standard Option Number = 1
- Shield Type = Ground Return Shielding
- Shield Style = Upper

Electrical Characteristics:

- Shielded = Yes

Termination Features:

- Interface Type = 2mm HM
- Termination End Plating = Tin over Nickel

Dimensions:

- Module Length (mm [in]) = 50.00 [1.968]

Body Features:

- Type = Type E
- Shield Plating = Nickel

Contact Features:

- Contact Configuration = ACTION PIN Post, Signal
- Feedthrough Post Length (mm [in]) = 3.30 [0.130]
- CompactPCI = Yes
- Contact Plating, Mating Area, Material = Performance-Based
- Grounding Contact = Without
- Contact Base Material = Phosphor Bronze

Housing Features:

- Connector Style = Receptacle
- Mating Alignment = With
- Mating Alignment Type = Multi-Purpose Center
- Housing Color = Gray
- Housing Material = Polyester GF
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Rows = 8
- Number of Positions = 200
- Crosstalk Version = Standard
- Rows Loaded = C, D, E, G, H, B, A, F

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
- Comment = Contact area lubricated with Bellcore approved lubricant.

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