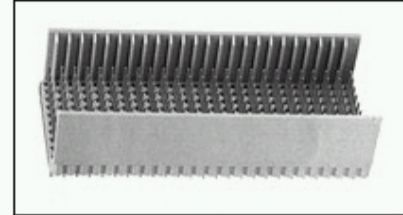




5646951-1 Product Details

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5646951-1

TE Internal Number: 5646951-1
Active

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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 = Plug
- Type = Type D/E
- Interface Type = 2mm HM

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [MALE ASSEMBLY, Z-PACK 2mm HM, TYPE D/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](#)

[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 = Vertical

Mechanical Attachment:

- Board Mount = Fixed Board
- Front Mating Level = Level 1

Electrical Characteristics:

- Shielded = No

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 D/E
- Rows Loaded = Z, H, I, E, A, B, C, F, D

Contact Features:

- Contact Configuration = ACTION PIN Post, Signal
- Feedthrough Post Length (mm [in]) = 3.70 [0.145]
- CompactPCI = No
- Contact Plating, Mating Area, Material = Performance-Based
- Grounding Contact = Without
- Contact Style = Short Tail
- Contact Base Material = Phosphor Bronze

Housing Features:

- Connector Style = Plug
- Mating Alignment = With
- Mating Alignment Type = Multi-Purpose Center
- Housing Material = Polyester GF

Configuration Features:

- Number of Rows = 8+2
- Number of Positions = 244
- Crosstalk Version = Standard

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

Packaging Features:

- Packaging Quantity = 10

Other:

- Brand = AMP

