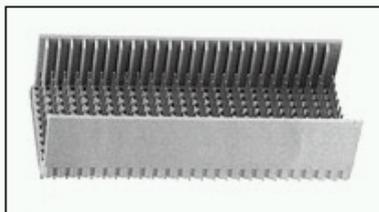


5646951-1 Product Details

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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)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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
- [Module Length \(mm \[in\]\)](#) = 50.00 [1.968]
- [Crosstalk Version](#) = Standard
- Front Mating Level = Level 1

Electrical Characteristics:

- [Shielded](#) = No

Termination Features:

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

Body Features:

- Type = Type D/E
- [Number of Rows](#) = 8+2
- [Number of Positions](#) = 244
- [Grounding Contact](#) = Without
- Rows Loaded = A, B, E, F, D, C, Z, I, H

Contact Features:

- Contact Configuration = ACTION PIN Post, Signal
- [Feedthrough Post Length \(mm \[in\]\)](#) = 3.70 [0.145]
- [CompactPCI](#) = No
- [Contact Plating, Mating Area, Material](#) = Conforms to IEC 61076-4-101 Performance Level 2
- 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

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

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