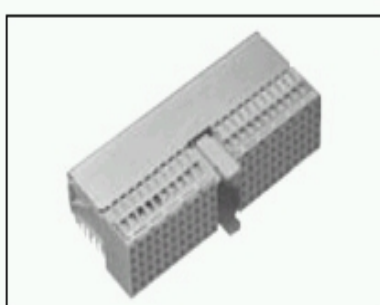


5100147-1 Product Details

Have a Question?

Chat with a Product Information Specialist



5100147-1

TE Internal Number: 5100147-1

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 = Receptacle
- Type = Type A
- Interface Type = 2mm HM

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [Z-PACK 2mm HM TYPE A 110 POS. FEMALE CONNECTOR](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Z-Pack 2 mm HM CONNECTORS](#) (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 B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

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 Mount Angle](#) = Right Angle
- [Mating Polarization](#) = With
- [Mating Polarization Type](#) = Multi-Purpose Center
- Comment = Connector conforms to all testing according to IEC 61076-4-101, Performance Level 2.

Mechanical Attachment:

- [Board Mount](#) = Free Board
- [Module Length \(mm \[in\]\)](#) = 50.00 [1.968]
- [Crosstalk Version](#) = Standard
- AMP Standard Option Number = 1

Electrical Characteristics:

- [Shielded](#) = No

Termination Related Features:

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

Body Related Features:

- [Type](#) = Type A
- [Number of Rows](#) = 5
- [Number of Positions](#) = 110
- [Grounding Contact](#) = Without
- Rows Loaded = A, B, C, E, D

Contact Related Features:

- [Contact Configuration](#) = Signal
- [Feedthrough Post Length \(mm \[in\]\)](#) = 3.71 [0.146]
- [CompactPCI](#) = Yes
- [Contact Plating, Mating Area, Material](#) = Gold (50)
- Contact Style = Short Tail
- Contact Base Material = Phosphor Bronze

Housing Related Features:

- Connector Style = Receptacle
- Housing Material = Polyester GF
- Housing Color = Gray
- UL 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

Packaging Related Features:

- Packaging Quantity = 11

Other:

- Brand = AMP

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