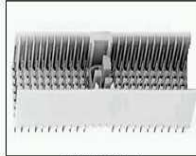


5100143-1 Product Details



5100143-1

TE Internal Number: 5100143-1

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

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A](#) (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 C)
- [3D Model](#) (IGES, Version C)
- [3D Model](#) (STEP, Version C)

[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 Mount Angle = Vertical
- Mating Polarization = With
- Mating Polarization Type = Multi-Purpose Center

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 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 = ACTION PIN Post, Signal
- Feedthrough Post Length (mm [in]) = 3.71 [0.146]
- CompactPCI = No
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Style = Short Tail
- Contact Base Material = Phosphor Bronze

Housing Related Features:

- Connector Style = Plug
- Housing Material = PBT - 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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