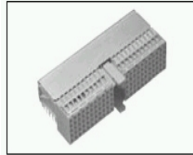


## 5100147-1 Product Details



5100147-1

TE Internal Number: 5100147-1

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

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

#### 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)

[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 = 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



#### Corporate Information

[Who We Are](#)  
[Investors](#)  
[News Room](#)  
[Supplier Portal](#)  
[Careers](#)

#### Quick Links

[Check Distributor Inventory](#)  
[Cross Reference](#)  
[Find Documents & Drawings](#)  
[Product Compliance Support Center](#)  
[Site Map](#)

#### Customer Support

[Email or Chat with Us](#)  
[Find a Phone Number](#)  
[Search Knowledge Base](#)  
[Manage Your Account](#)

#### Sign up for our eNewsletter

Enter your email address  [▶](#)

#### Follow Us On:



#### Visit Us On:

