



**CONNECTORS**

**HARD METRIC BACKPLANE CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## Z-PACK/A M-HDR 110P

Z-PACK | Z-PACK 2mm HM

5106164-1

TE Internal Number: 5106164-1

**Data Rate (Gb/s) ≤1**

**Number of Columns 25**

**Number of Rows 5**

**Number of Positions 110**

**Centerline (Pitch) (mm) 2**

[↓ PRODUCT DRAWING](#)  
English

[↓ 3D PDF](#)

### DOCUMENTATION

Product Drawings

#### **MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A**

PDF (TIFF AVAILABLE)

**English**

CAD Files

### Customer View Model

2D\_DXF.ZIP

English

### Customer View Model

3D\_IGS.ZIP

English

### Customer View Model

3D\_STP.ZIP

English

### 3D PDF

PDF

English

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Product Specifications

Application Specification

### Z-PACK 2mm HM Interconnection System For Board-To-Board Connections

PDF

English

Product Specification

### Z-Pack 2 Mm HM CONNECTORS

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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Product Type Features

**PCB Mounting Orientation** Vertical

**Connector & Contact Terminates To** Printed Circuit Board

**Make First / Break Last** No

**Shielded** No

**Connector Style** Plug

**Connector Type** Connector Assembly

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Configuration Features

**Rows Loaded** A, B, C, D, E

**Number of Columns** 25

**Number of Rows** 5

**Number of Positions** 110

**Number of Signal Contacts** 110

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Signal Characteristics

**Data Rate (Gb/s)** ≤1

**Crosstalk Version** Standard

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#### Contact Features

**Contact Configuration** ACTION PIN, Signal  
**Grounding Contact** Without  
**CompactPCI Designation** None  
**Contact Mating Area Plating Material** Tin  
**Contact Mating Area Plating Thickness (µm)** .5  
**Feedthrough Post Length (mm)** 13  
**Contact Base Material** Phosphor Bronze  
**Contact Style** Feed Through  
**Contact Type** Pin

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#### Termination Features

**Interface Type** 2mm HM  
**Termination End Plating Material** Tin over Nickel

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#### Mechanical Attachment

**Front Mating Level** Level 1  
**Mating Alignment Type** Multi-Purpose Center

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#### Housing Features

**Centerline (Pitch) (mm)** 2  
**Housing Color** Gray  
**Housing Material** Polyester - GF

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#### Dimensions

**Module Length (mm)** 50

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#### Industry Standards

**UL Flammability Rating** UL 94V-0

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#### Packaging Features

**Packaging Method** Tube  
**Packaging Quantity** 10

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#### PRODUCT COMPLIANCE

