TE Connectivity: Every Connection Counts
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CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✔ Active

**TE CONNECTIVITY (TE)**

# 2MM HM,ASY,T-E,HDR,10R,250,AP

Z-PACK | Z-PACK 2mm HM

5646376-1
TE Internal Number: 5646376-1

EU RoHS Compliant
EU ELV Compliant

**Data Rate (Gb/s)** ≤1
**Number of Columns** 25
**Number of Rows** 8+2
**Number of Positions** 250
**Centerline (Pitch) (mm)** 2

**PRODUCT DRAWING**
English

**3D PDF**

## DOCUMENTATION

### Product Drawings

**MALE ASSEMBLY, Z-PACK 2mm HM, TYPE E**
PDF **(TIFF AVAILABLE)**
**English**

### CAD Files

**3D PDF**
PDF
**3D**

**Customer View Model**
2D_DXF.ZIP
**English**

Downloaded from Arrow.com.

### Customer View Model

3D_IGS.ZIP

**English**

### Customer View Model

3D_STP.ZIP

**English**

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Product Specifications

Application Specification

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

PDF

**English**

Product Specification

### Connector, Z-PACK, 8 Row, 2mm HM

PDF

**English**

## 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
**Shielded** No
**Connector Style** Plug
**Connector Type** Connector Assembly

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Configuration Features

**Rows Loaded** A, B, C, D, E, F, G, H, I, Z
**Number of Columns** 25
**Number of Rows** 8+2
**Number of Positions** 250
**Number of Signal Contacts** 200

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Signal Characteristics

**Data Rate (Gb/s)** ≤1
**Crosstalk Version** Standard

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Contact Features

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**Contact Configuration** ACTION PIN, Signal
**Grounding Contact** Without
**CompactPCI Designation** None
**Contact Mating Area Plating Material** Performance Based
**Feedthrough Post Length (Rows C-F) (mm)** 13
**Feedthrough Post Length (Rows B & G) (mm)** 14.5
**Contact Base Material** Phosphor Bronze
**Contact Mating Area Length (mm)** 5.25, 6.75, 8.25
**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

## PRODUCT COMPLIANCE

Statement of Compliance

**Statement of Compliance**
PDF

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