



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
2MM H.M. 5 ROW A/B FEED TO  
Z-PACK | Z-PACK 2mm HM

5646990-1  
TE Internal Number: 5646990-1

EU RoHS Compliant  
EU ELV Compliant

Data Rate (Gb/s) ≤1  
Number of Columns 25  
Number of Rows 5  
Number of Positions 125  
Centerline (Pitch) (mm) 2

↓ PRODUCT DRAWING  
English

DOCUMENTATION

Product Drawings

MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B  
PDF (TIFF AVAILABLE)  
English

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

FEATURES



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

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

Product Type Features

**PCB Mounting Orientation** Vertical  
**Connector & Contact Terminates To** Printed Circuit Board  
**Shielded** No  
**Connector Style** Plug  
**Connector Type** Connector Assembly

Configuration Features

**Rows Loaded** A, B, C, D, E  
**Number of Columns** 25  
**Number of Rows** 5  
**Number of Positions** 125  
**Number of Signal Contacts** 110, 125

Signal Characteristics

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

Contact Features

**Contact Configuration** ACTION PIN  
**Grounding Contact** Without  
**CompactPCI Designation** None  
**Contact Mating Area Plating Material** Performance Based  
**Feedthrough Post Length (mm)** 3.7  
**Contact Base Material** Phosphor Bronze  
**Contact Mating Area Length (mm)** 5.25, 6.75  
**Contact Type** Pin

Termination Features

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

Housing Features

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

Dimensions

**Module Length (mm)** 49.9

Industry Standards

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

Packaging Features

Packaging Method Tube

Packaging Quantity 10

PRODUCT COMPLIANCE

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Statement of Compliance

Statement of Compliance

PDF