



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
2MM HM,ASY,T-D/E,REC  
Z-PACK | Z-PACK 2mm HM

5646728-1  
TE Internal Number: 5646728-1

EU RoHS Compliant  
EU ELV Compliant

Data Rate (Gb/s) ≤1  
Number of Columns 25  
Number of Rows 8  
Number of Positions 200  
Centerline (Pitch) (mm) 2

↓ PRODUCT DRAWING  
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, Z-PACK 2mm HM, TYPE D/E  
PDF  
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

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

Product Environmental Compliance

TE Material Declaration

MD\_5646728-1\_12122015115\_dmtec

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 Right Angle
- Connector & Contact Terminates To Printed Circuit Board
- Shielded No
- Connector Style Receptacle
- Connector Type Connector Assembly

Configuration Features

- Number of Columns 25
- Number of Rows 8
- Number of Positions 200
- Number of Signal Contacts 200

Signal Characteristics

- Data Rate (Gb/s) ≤1
- Crosstalk Version Reduced

Contact Features

**Contact Configuration** ACTION PIN  
**Grounding Contact** Without  
**CompactPCI Designation** None  
**Contact Mating Area Plating Material** Gold  
**Feedthrough Post Length (mm)** 3.3  
**Contact Base Material** Phosphor Bronze  
**Contact Style** Press-Fit  
**Contact Type** Socket

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



Statement of Compliance

**Statement of Compliance**  
PDF