



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
2MM HM,ASY,128,REC,TWST TULIP
[Z-PACK](#) | [Z-PACK 2mm HM](#)

5646447-1
TE Internal Number: 5646447-1

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Data Rate (Gb/s) ≤1
Number of Columns 16
Number of Rows 8
Number of Positions 176
Centerline (Pitch) (mm) 2

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

RECEPTACLE ASSEMBLY, Z-PACK 2mm HM, TYPE D
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

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

- Rows Loaded** A, B, C, D, E, F, G, H
- Number of Columns** 16
- Number of Rows** 8
- Number of Positions** 176
- Number of Signal Contacts** 176

Signal Characteristics

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

Contact Features

- Contact Configuration** ACTION PIN, Signal
- Grounding Contact** Without
- Contact Mating Area Plating Material** Performance Based
- 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

Mechanical Attachment

Mating Alignment Type Multi-Purpose Center

Housing Features

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

Dimensions

Module Length (mm) 48

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube
Packaging Quantity 13

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF