



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
HMZD 4PR. HDR ASSY.,25MM MODUL
Z-PACK | HM-Zd

6469056-1
TE Internal Number: 6469056-1

EU RoHS Compliant
EU ELV Compliant

Data Rate (Gb/s) ≤12
Number of Columns 10
Number of Rows 8
Number of Pairs 40
Number of Positions 80

↓ PRODUCT DRAWING
English

↓ 3D PDF

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, 4 PAIR, SELECTIVELY LOADED, 1.8mm TAIL, 25mm HMZd
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 Hard Metric (HM)-Zd And HM-Zd Plus 2-, 3-, And 4-Pair Connector Systems

PDF

English

Product Specification

Two, Three And Four Pair HM-Zd Connectors

PDF

English

Qualification Test Report

Two, Three And Four Pair HM-Zd 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
- Make First / Break Last No
- Shielded Yes
- Connector Style Plug
- Connector Type Header

Configuration Features

- Selectively Loaded Yes
- Number of Columns 10
- Number of Rows 8
- Number of Pairs 40
- Number of Positions 80
- Sequenced Pins Yes (See Drawing)
- Card Slot Centerline (mm) 25.4
- Pairs per Column 4

Signal Characteristics

- Data Rate (Gb/s) ≤12

Body Features

Shield Material Phosphor Bronze

Contact Features

Contact Configuration Compliant Pin
Grounding Contact With
CompactPCI Designation None
Contact Mating Area Plating Material Gold
Contact Mating Area Plating Thickness (µm) .76
Feedthrough Post Length (mm) 1.8
Contact Base Material Phosphor Bronze
Contact Mating Area Length (mm) 5.3
Contact Type Pin

Termination Features

Termination Method Press-Fit
Interface Type HM-Zd
Termination End Plating Material Tin over Nickel
Contact Termination Type Through Hole

Mechanical Attachment

Mating Alignment Type Polarization

Housing Features

Centerline (Pitch) (mm) 2.5
Housing Color Gray
Housing Material Polyester - GF

Dimensions

Module Length (mm) 24.9

Industry Standards

AdvancedTCA Specified Product No
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tube
Packaging Quantity 20

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF