



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
Z-PACK 2MM HM TYPE A/B 125P

Z-PACK | Z-PACK 2mm HM

5646731-1
TE Internal Number: 5646731-1

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

↓ 3D PDF

DOCUMENTATION

Product Drawings

MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B
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

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

- 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
- 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) 49.88

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