



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
Z-PACK A/B REC ASY 125P 2MMHM

Z-PACK | Z-PACK 2mm HM

5646574-1
TE Internal Number: 5646574-1

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

RECEPTACLE ASSEMBLY, Z-PACK 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

Product Environmental Compliance

TE Material Declaration

MD_5646574-1_05232012947

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 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) 3.3
Contact Base Material Phosphor Bronze
Contact Type Socket

Termination Features

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

Mechanical Attachment

Mating Alignment Type Polarizing Peg

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 11

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance
PDF