



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
Z-PACK 2mm HM/A RAF 110P

[Z-PACK](#) | [Z-PACK 2mm HM](#)

5100147-9
TE Internal Number: 5100147-9

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

Data Rate (Gb/s) ≤1
Number of Rows 5
Number of Positions 110
Centerline (Pitch) (mm) 2
PCB Mounting Orientation Right Angle

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

Z-PACK 2mm HM TYPE A 110 POS. FEMALE CONNECTOR

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

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_5100147-9_09172011934

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
- Make First / Break Last No
- Shielded No
- Connector Style Receptacle
- Connector Type Connector Assembly

Configuration Features

- Rows Loaded A, B, C, D, E
- Number of Rows 5
- Number of Positions 110

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 Short Tail

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) 50

Industry Standards

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

Packaging Features

Packaging Method Tube
Packaging Quantity 11

Other

Comment Connector lubricated with Bellcore approved lubricant., Connector tested and qualified against Bellcore Quality Level III, Central Office Applications.

PRODUCT COMPLIANCE

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Statement of Compliance

Statement of Compliance
PDF