



+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

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

Z-PACK | Z-PACK 2mm HM

5100623-1  
TE Internal Number: 5100623-1

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 WITH REDUCED CROSSTALK SHIELD

PDF (TIFF AVAILABLE)

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D\_DXF.ZIP

English

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

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 Yes
- 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 Reduced

Body Features

- Shield Style Upper
- Shield Type Ground Return Shielding
- Shield Material Phosphor Bronze
- Shield Plating Material Gold Flash over Nickel

Contact Features

**Contact Configuration** ACTION PIN, Signal  
**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 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

PRODUCT COMPLIANCE

+

Statement of Compliance

**Statement of Compliance**  
PDF