



CONNECTORS

HARD METRIC BACKPLANE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

Z-PACK/A RAF 110P

Z-PACK | Z-PACK 2mm HM

5100147-1

TE Internal Number: 5100147-1

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

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_5100147-1_012320171018_dmtec

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 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 conforms to all testing according to IEC 61076-4-101, Performance Level 2.

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
