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Connectors > PCB Connectors > Backplane Connectors > Hard Metric Backplane Connectors

5352152-1

Z-PACK 2mm HM, Hard Metric Backplane Connectors, PCB Mount Receptacle, ≤1 Gb/s, 22 Columns, 5 Rows, Mezzanine, Board-to-Board, 110 Position

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Z-PACK | Z-PACK 2mm HM

TE Internal #: **5352152-1**

TE Internal Description: **Z-PACK/B22 RAF 110P**

Alias #: **1367711**

PCB Connector Assembly Type : **PCB Mount Receptacle**

Data Rate (Gb/s): **≤1**

Number of Columns : **22**

Number of Rows : **5**

Backplane Architecture : **Mezzanine**

[Digital Datasheet](#)

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Compatible Parts & Tooling

Documents

Features

Product Compliance

Product Drawings

Z-PACK/B22 RAF 110P

[Z-PACK/B22 RAF 110P](#)

English

CAD Files

PCB Design

[Download symbol & footprint \(Ultra Librarian\)](#)

3D PDF

[3D_CVM_CVM_5352152-1_A.pdf](#)

3D

Customer View Model

[ENG_CVM_CVM_5352152-1_A.2d_dxf.zip](#)

English

[ENG_CVM_CVM_5352152-1_A.3d_igs.zip](#)

English

[ENG_CVM_CVM_5352152-1_A.3d_stp.zip](#)

English

Product Specifications

Application Specification

[ENG_SS_114-19029_E.pdf](#)

English

Product Specification

[ENG_SS_108-19082_C.pdf](#)

Product
Environmental
Compliance

MD_5352152-1_04182018254_dmtec
[↓ ENG_PC_MD_5352152-1_L\(804422\).xlsx](#)
English
MD_5352152-1_04182018254_dmtec
[↓ ENG_PC_MD_5352152-1_L\(164425\).xml](#)
English

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

Ground Component Type : **Ground Return Shielding**
PCB Connector Assembly Type : **PCB Mount Receptacle**
Connector System : **Board-to-Board**
Sealable : **No**
Connector & Contact Terminates To : **Printed Circuit Board**
Backplane Interface Type : **2mm HM**

Configuration
Features

Number of Signal Positions : **110**
Rows Loaded : **A, B, C, D, E**
Mating & Unmating Configuration : **Make First / Break Last**
Number of Columns : **22**
Number of Rows : **5**
Backplane Architecture : **Mezzanine**
Number of Positions : **110**
PCB Mount Orientation : **Right Angle**

Signal
Characteristics

Data Rate (Gb/s): **≤1**
Crosstalk Version : **Standard**

Contact Features

Contact Base Material : **Phosphor Bronze**
PCB Contact Termination Area Plating Material : **Tin**
Contact Underplating Material : **Nickel**
Contact Type : **Socket**
CompactPCI Designation : **J2/J5**
Contact Mating Area Plating Material : **Gold**
Contact Mating Area Plating Material Thickness :
1.27 µm [50 µin]
Contact Current Rating (Max) (A): **1.5**
Feedthrough Post Length (mm): **3.3**

Termination
Features

Termination Method to Printed Circuit Board :
Through Hole - Press-Fit

Mechanical
Attachment

Connector Mounting Type : **Board Mount**

Housing Features

Housing Material : **Polyester - GF**
Centerline (Pitch) : **2 mm [.078 in]**
Housing Color : **Gray**

| | |
|-------------------------|---|
| Dimensions | Backplane Module Length (mm): 44 |
| Usage Conditions | Operating Temperature Range : -55 – 125 °C [-67 – 257 °F] |
| Operation/Application | Shielded : Yes Circuit Application : Power & Signal |
| Industry Standards | UL Flammability Rating : UL 94V-0 AdvancedTCA Specified Product : No |
| Packaging Features | Packaging Quantity : 11 Packaging Method : Tube |
| Other | Comment : Female connector with pre-installed shield. |
| Statement of Compliance | Statement of Compliance pdf |

Also in the Series | [Z-PACK 2mm HM](#)



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