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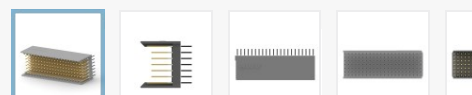
[Connectors](#) > [PCB Connectors](#) > [Backplane Connectors](#) > [Hard Metric Backplane Connectors](#)

5188835-1

Z-PACK 2mm HM, Hard Metric Backplane Connectors, PCB Mount Header, ≤1 Gb/s, 22 Columns, 7 Rows, Mezzanine, Board-to-Board, 154 Position



Z-PACK | Z-PACK 2mm HM

TE Internal #: **5188835-1**TE Internal Description: **Z-PACK/B M-HDR 154P.**PCB Connector Assembly Type : **PCB Mount Header**Data Rate (Gb/s): **≤1**Number of Columns : **22**Number of Rows : **7**Backplane Architecture : **Mezzanine** [Digital Datasheet](#)

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Documents

Features

Product Compliance

Product Drawings

Z-PACK/B M-HDR 154P.

 [Z-PACK/B M-HDR 154P.](#)

English

CAD Files

PCB Design

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

Customer View Model

 [ENG_CVM_5188835-1_A.3d_igs.zip](#)

English

 [ENG_CVM_5188835-1_A.3d_stp.zip](#)

English

 [ENG_CVM_5188835-1_A.2d_dxf.zip](#)

English

 [ENG_CVM_5188835-1_A.pdf](#)

English

Product Specifications

Application Specification

 [ENG_SS_114-19029_E.pdf](#)

English

Product Specification

 [ENG_SS_108-19082_C.pdf](#)

English



Product
Environmental
Compliance

TE Material Declaration

 [ENG_PC_MD_5188835-1_E.pdf](#)

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

PCB Connector Assembly Type : **PCB Mount Header**
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, F, Z**
Number of Columns : **22**
Number of Rows : **7**
Backplane Architecture : **Mezzanine**
Number of Positions : **154**
PCB Mount Orientation : **Vertical**

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 : **Pin**
CompactPCI Designation : **P2/P5**
Contact Mating Area Plating Material : **Nickel**
Contact Mating Area Plating Material Thickness :
1.27 μm [50 μin]
Contact Current Rating (Max) (A): **1.5**
Feedthrough Post Length (mm): **3.7**

Mechanical
Attachment

Connector Mounting Type : **Board Mount**
Front Mating Level : **Level 1**

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 : **No**
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 : Row Configuration 5+2
Statement of Compliance	Statement of Compliance pdf

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