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5106015-1

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



Z-PACK | Z-PACK 2mm HM

TE Internal #: **5106015-1**
TE Internal Description: **Z-PACK/A RAMH.110P**
Alias #: **1296940**

PCB Connector Assembly Type : **PCB Mount Header**

Data Rate (Gb/s): **≤1**
Number of Columns : **22**
Number of Rows : **5**
Backplane Architecture : **Mezzanine**

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Digital Datasheet

Compatible Parts & Tooling

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Features

Product Compliance

Product Drawings

Z-PACK/A RAMH.110P
 Z-PACK/A RAMH.110P
English

CAD Files

PCB Design
[Download symbol & footprint \(Ultra Librarian\)](#)
3D PDF
 3D_CVM_CVM_5106015-1_A.pdf
3D
Customer View Model
 ENG_CVM_CVM_5106015-1_A.2d_dxf.zip
English
 ENG_CVM_CVM_5106015-1_A.3d_igs.zip
English
 ENG_CVM_CVM_5106015-1_A.3d_stp.zip
English

Product Specifications

Application Specification
 ENG_SS_114-19029_E.pdf
English
Product Specification
 ENG_SS_108-19082_C.pdf
English

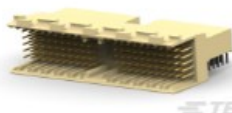
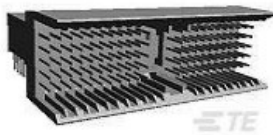
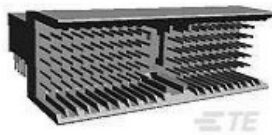


Product Environmental Compliance	MD_5106015-1_01302018428_dmtec  ENG_PC_MD_5106015-1_M(815278).xlsx English MD_5106015-1_01302018428_dmtec  ENG_PC_MD_5106015-1_M(397282).xml English
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.	
Product Type Features	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	Rows Loaded : A, B, C, D, E 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 : Pin CompactPCI Designation : None Contact Mating Area Plating Material : Performance Based Contact Mating Area Plating Material Thickness : .76 µm [30 µin] Contact Current Rating (Max) (A): .7 Feedthrough Post Length (mm): 3.7
Mechanical Attachment	Mating Alignment Type : Multi-Purpose Center 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): 50
Usage Conditions	Operating Temperature Range : -65 – 105 °C [-85 – 221 °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 : Connector conforms to all testing according to IEC 61076-4-101, Performance Level 2.
Statement of Compliance	Statement of Compliance pdf

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