3-100143-0 ✔ ACTIVE

Z-PACK | Z-PACK 2mm HM
TE Internal #: 3-100143-0
Hard Metric Backplane Connectors, PCB Mount Header, 1 Gb/s, 22
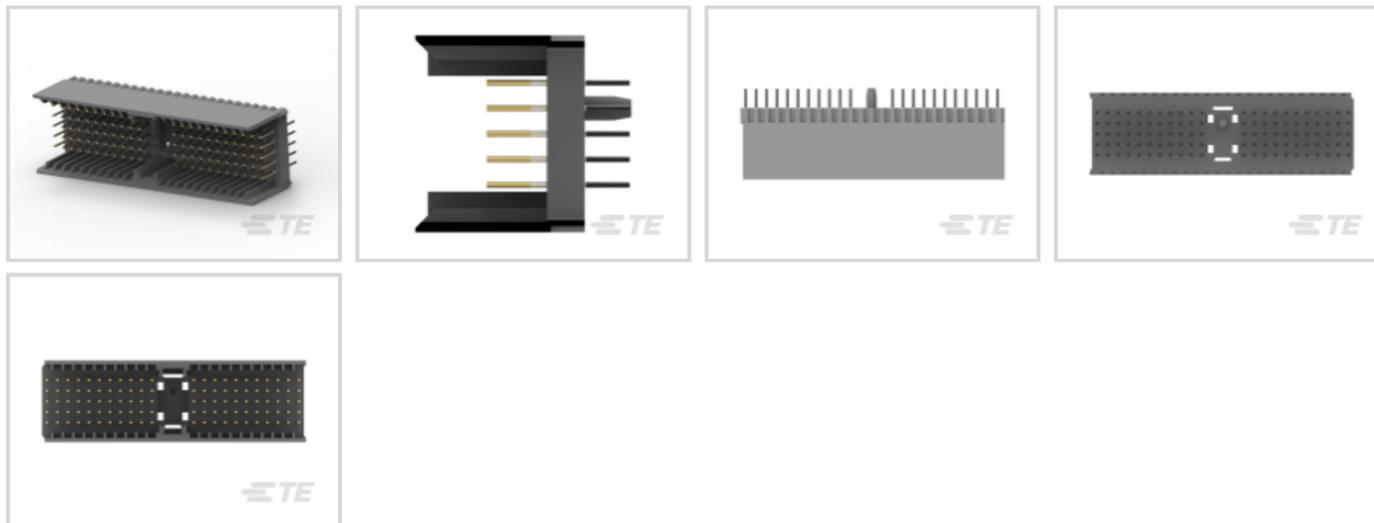Column, 5 Row, Traditional Backplane, Board-to-Board, 110
Position, Z-PACK 2mm HM

View on TE.com >

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

Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm

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

Data Rate: **1 Gb/s**

Number of Columns: **22**

Number of Rows: **5**

Backplane Architecture: **Traditional Backplane**

All Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm (124)

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Columns	22
Number of Rows	5
Backplane Architecture	Traditional Backplane
Number of Positions	110
PCB Mount Orientation	Vertical

Signal Characteristics

Data Rate	1 Gb/s

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Hard Metric Backplane Connectors, PCB Mount Header, 1 Gb/s, 22 Column, 5 Row,
Traditional Backplane, Board-to-Board, 110 Position, Z-PACK 2mm HM

Contact Features

Contact Type	Pin
CompactPCI Designation	None
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Current Rating (Max)	1.5 A

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2 mm[.07 in]
Housing Color	Gray

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

AdvancedTCA Specified Product	No

Packaging Features

Packaging Method	Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900

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	ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # 354687-1
2MM HM & 2MM FB REPAIR HAND TL

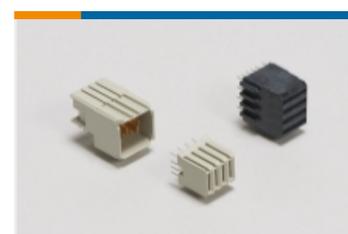## Also in the Series | Z-PACK 2mm HM

Backplane Coding Keys(60)
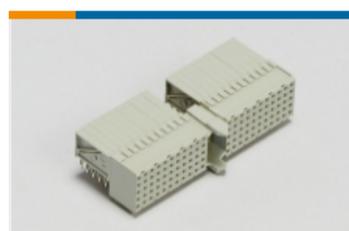

Backplane Connector Housings(4)

Backplane Guide Hardware(37)

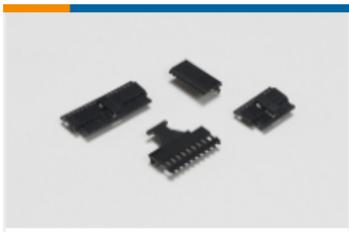Backplane Power Connectors(6)

Board-to-Board Connector Contacts(2)

Hard Metric Backplane Connectors (269)

High Speed Backplane Connectors(1)

Insertion & Extraction Tools(2)

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Hard Metric Backplane Connectors, PCB Mount Header, 1 Gb/s, 22 Column, 5 Row, Traditional Backplane, Board-to-Board, 110 Position, Z-PACK 2mm HM

PCB Connector Covers(4)

PCB Connector Shrouds(39)

PCB Ferrules & Shields(19)

Rectangular Power Connectors(87)

Documents

Product Drawings

PACK/A MALE HDR 110P, 2MM HM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-100143-0_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-100143-0_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-100143-0_K.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English