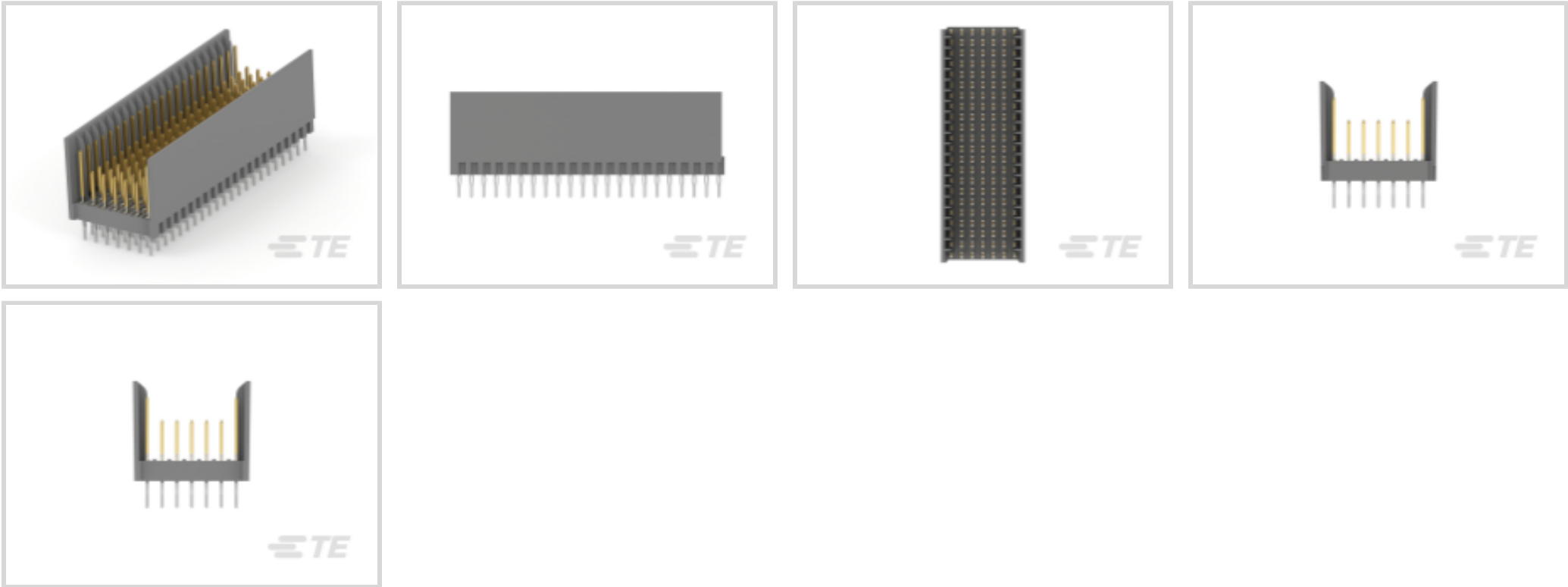




Connectors > PCB Connectors > Backplane Connectors > Hard Metric Connectors



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

Data Rate: **≤1 Gb/s**

Number of Columns: **22**

Number of Rows: **7**

Connector System: **Board-to-Board**

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	7
Number of Positions	154
PCB Mount Orientation	Vertical

Signal Characteristics

Data Rate	≤1 Gb/s
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Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze



CompactPCI Designation	P2/P5
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.8 μm[31.49 μin]
Contact Current Rating (Max)	1.5 A

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Glass Filled Polyester
Centerline (Pitch)	2 mm[.078 in]
Housing Color	Gray

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
AdvancedTCA Specified Product	No

Packaging Features

Packaging Method	Tray
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 5352638-1
Z-PACK/B M-HDR 154P

TE Part # 2392846-1
Z-PACK/B22 RAF 110P EON

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)

Insertion & Extraction Tools(2)

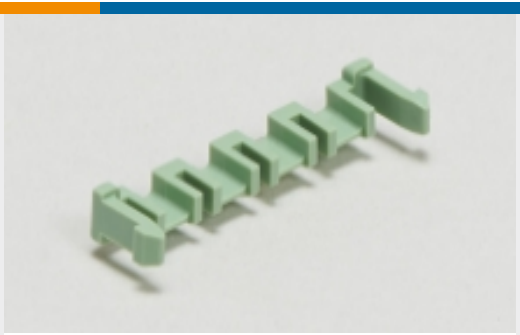
PCB Connector Covers(4)



PCB Connector Shrouds(39)



PCB Ferrules & Shields(19)



PCB Latches, Locks & Retainers(1)



Rectangular Power Connectors(87)

Documents

Product Drawings

Z-PACK/B M-HDR 154P EON

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2391879-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2391879-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2391879-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English