

2170863-1 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

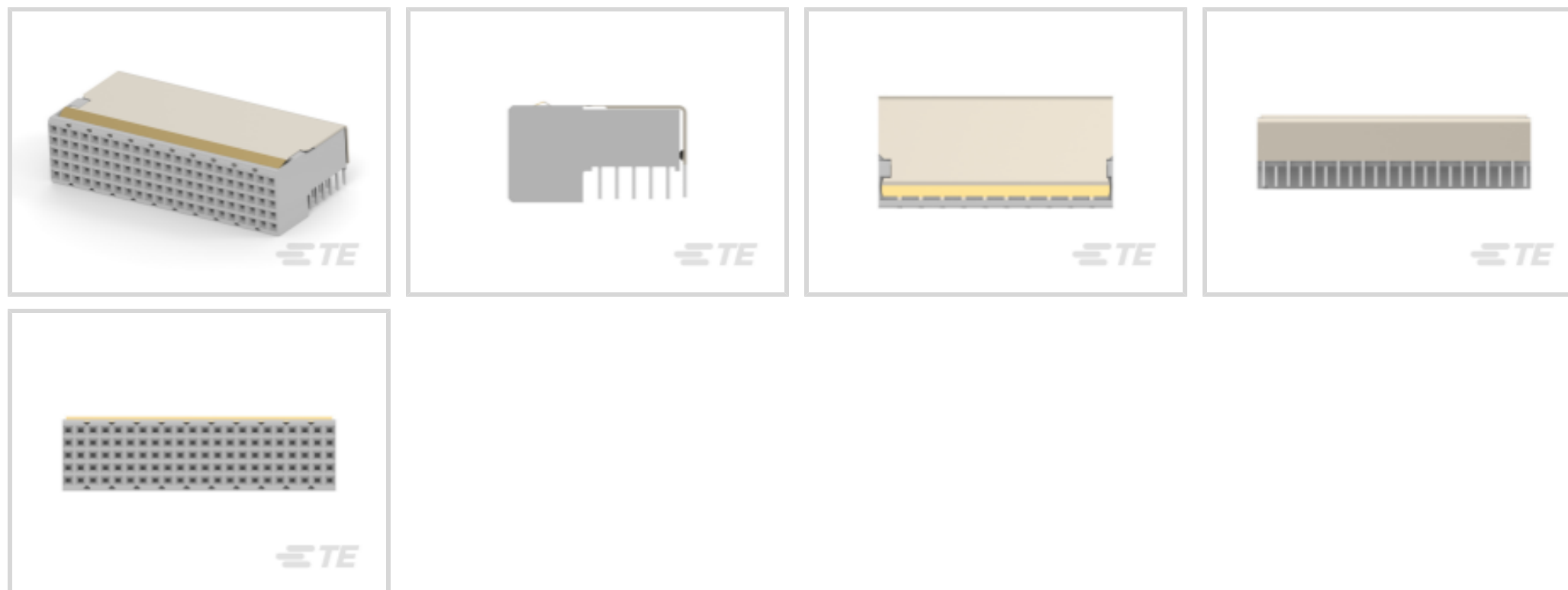
TE Internal #: 2170863-1

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

[View on TE.com >](#)



Connectors > PCB Connectors > Backplane Connectors > Hard Metric Connectors



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

Data Rate: **1 Gb/s**

Number of Columns: **22**

Number of Rows: **5**

Backplane Architecture: **Co-Planar, Traditional Backplane**

## Features

### Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
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	Co-Planar, Traditional Backplane
Number of Positions	110
PCB Mount Orientation	Right Angle

### Signal Characteristics

Data Rate	1 Gb/s
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### Contact Features

Contact Underplating Material	Nickel
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Contact Base Material	Phosphor Bronze
CompactPCI Designation	None
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.076 µm[2.99 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[.079 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 Quantity	12
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) <small>Article Safe Usage Statements:</small>



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 ppm.
Solder Process Capability	Not reviewed for solder process capability

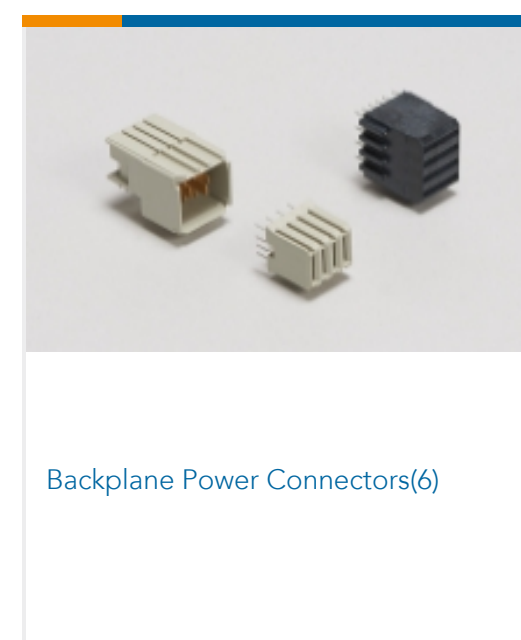
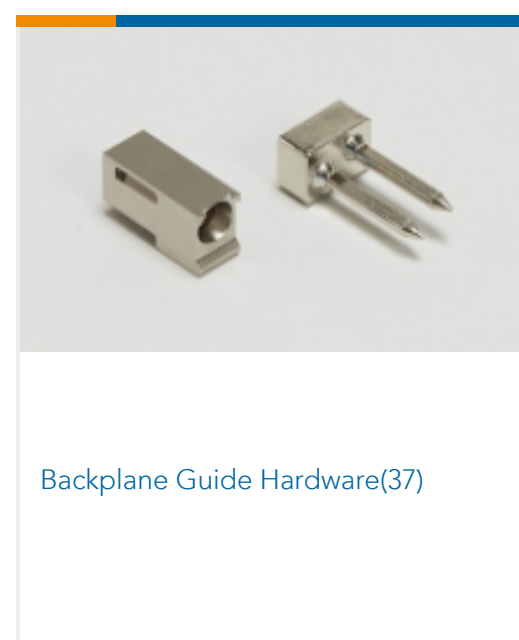
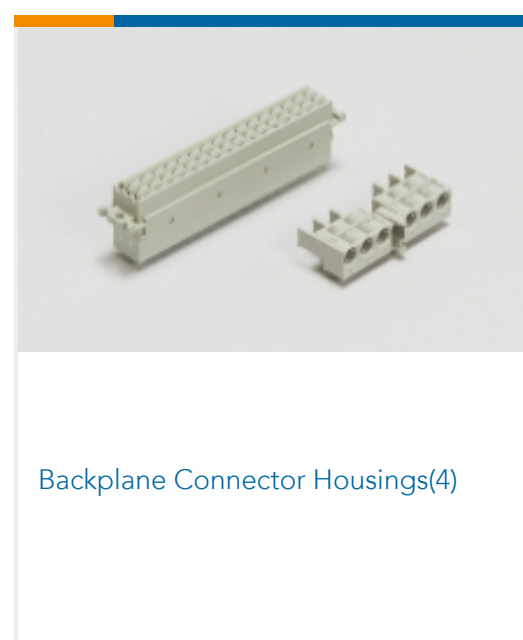
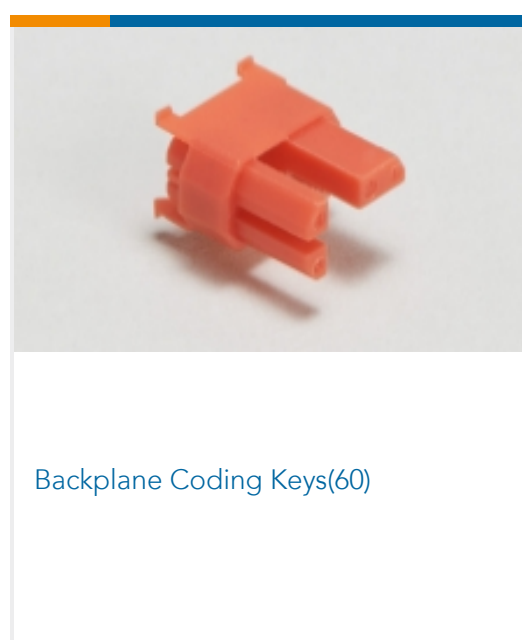
Product Compliance Disclaimer

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

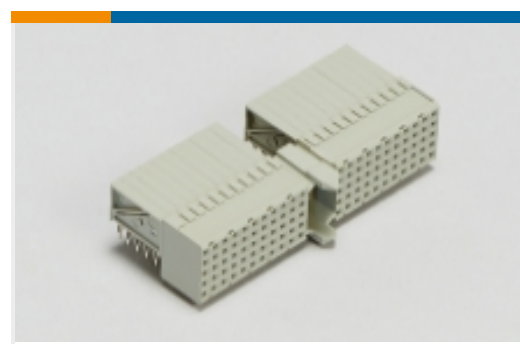


## Also in the Series | Z-PACK 2mm HM





Board-to-Board Connector Contacts(2)



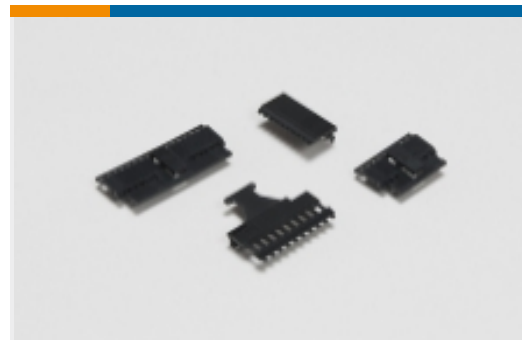
Hard Metric Backplane Connectors (269)



High Speed Backplane Connectors(1)



Insertion &amp; Extraction Tools(2)



PCB Connector Covers(4)



PCB Connector Shrouds(39)



PCB Ferrules &amp; Shields(19)



Rectangular Power Connectors(87)

## Documents

### Product Drawings

#### Z-PACK/B F-HDR 110P, EON

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2170863-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2170863-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2170863-1\\_A.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