

188834-1 ✓ ACTIVE



Z-PACK | Z-PACK 2mm HM

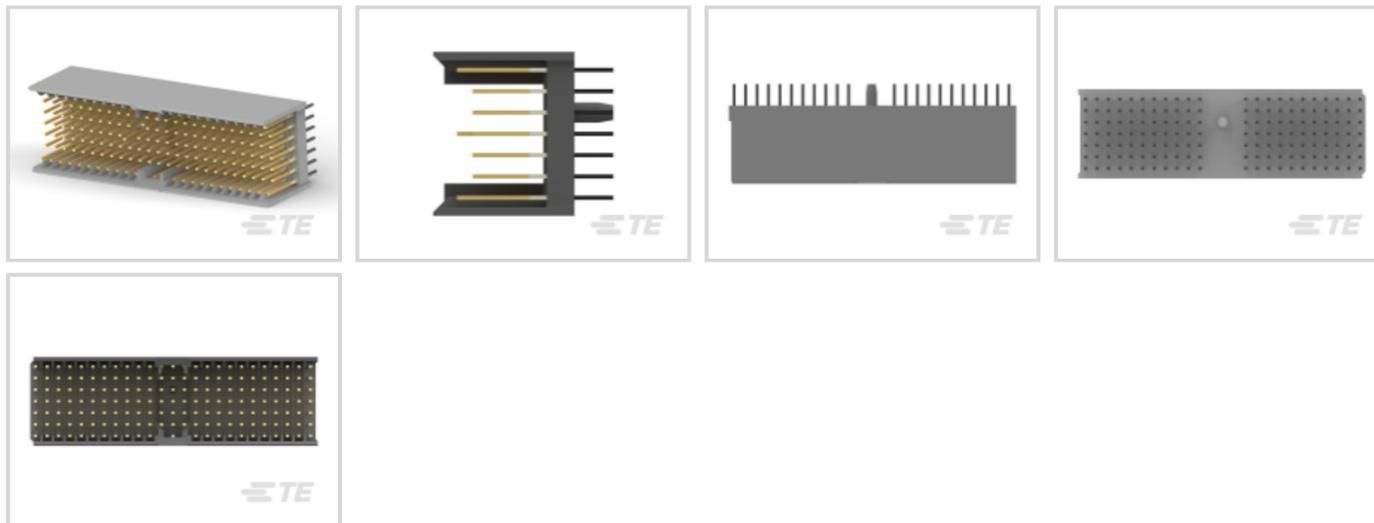
TE Internal #: 188834-1

Hard Metric Backplane PCB Mount Header,  $\leq 1$  Gb/s, 25 Column, 7 Row, Mezzanine, 154 Position, 2 mm [.078 in] Centerline, Vertical, Gray, Z-PACK 2mm HM

[View on TE.com >](#)

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

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



PCB Connector Type: **PCB Mount Header**

Data Rate:  $\leq 1$  Gb/s

Number of Columns: **25**

Number of Rows: **7**

Backplane Architecture: **Mezzanine**

[All Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm \(123\)](#)

## Features

### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Ground Feature Type	Ground Return Shielding
Backplane Interface Type	2mm HM
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Header
Sealable	No

### Configuration Features

Rows Loaded	A, B, C, D, E, F, Z
Number of Signal Positions	110
Number of Columns	25
Number of Rows	7
Backplane Architecture	Mezzanine



Number of Positions	154
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PCB Mount Orientation	Vertical
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### Signal Characteristics

Crosstalk Version	Standard
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Data Rate	≤1 Gb/s
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### Body Features

Primary Product Color	Gray
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### Contact Features

Contact Underplating Material	Nickel
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Contact Mating Area Length	13.45 mm
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Contact Base Material	Phosphor Bronze
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CompactPCI Designation	P1/P4
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PCB Contact Termination Area Plating Material	Tin-Lead
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Feedthrough Post Length	3.7 mm
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Contact Type	Pin
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Contact Mating Area Plating Material	Gold (Au)
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Contact Mating Area Plating Material Thickness	.38 μm[15 μin]
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Contact Current Rating (Max)	1.5 A
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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Mating Alignment Type	Multi-Purpose Center
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Front Mating Level	Level 1
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### Housing Features

Housing Material	Polyester GF
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Centerline (Pitch)	2 mm[.078 in]
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### Dimensions

Backplane Module Length	50 mm
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### Usage Conditions

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

Shielded	Yes
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Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	10
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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) <b>Article Safe Usage Statements:</b> 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 applicable for solder process capability

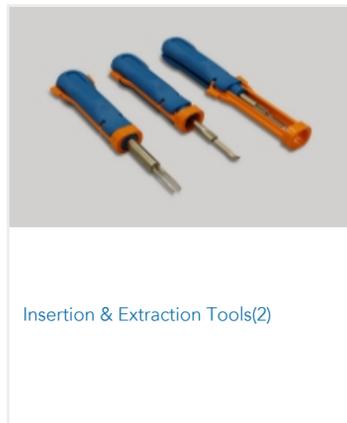
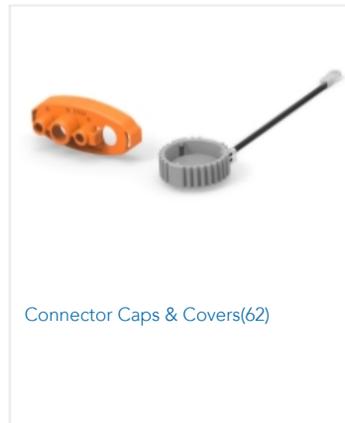
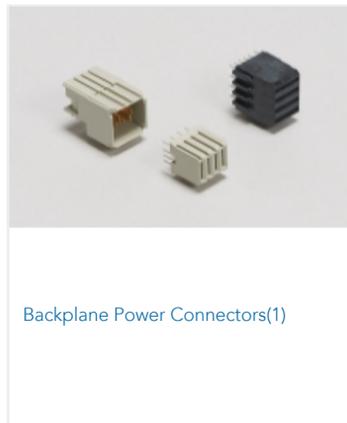
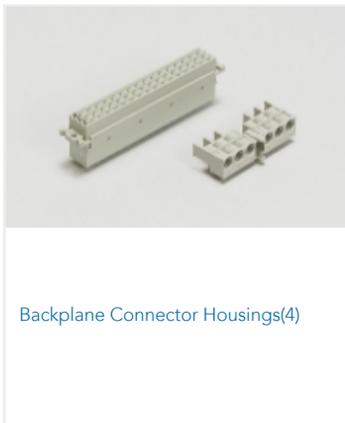
#### Product Compliance Disclaimer

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>

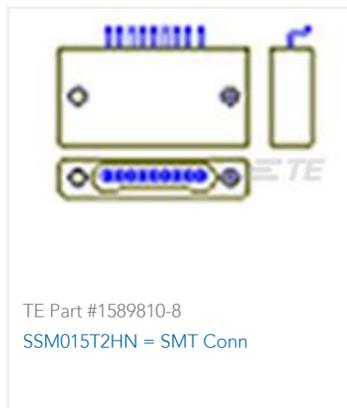
### Compatible Parts



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



## Customers Also Bought





## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_188834-1\\_F.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_188834-1\\_F.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_188834-1\\_F.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