

188834-4 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 188834-4

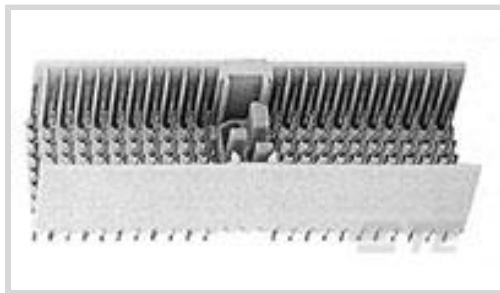
Hard Metric Backplane PCB Mount Header, ≤ 1 Gb/s, 25 Column, 7 Row, Mezzanine, 154 Position, 2 mm [.078 in] Centerline, Vertical, Gray, Z-PACK 2mm HM

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[Connectors >](#) [PCB Connectors >](#) [Backplane Connectors >](#) [Hard Metric Backplane Connectors >](#)

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



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

Data Rate: ≤ 1 Gb/s

Number of Columns: **25**

Number of Rows: **7**

Backplane Architecture: **Mezzanine**

[All Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm \(124\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Mechanical Attachment

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

Dimensions

Backplane Module Length	50 mm
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Operation/Application

Shielded	Yes
Circuit Application	Power & Signal

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Length	13.45 mm
Contact Base Material	Phosphor Bronze
CompactPCI Designation	None
PCB Contact Termination Area Plating Material	Tin-Lead



Feedthrough Post Length	3.7 mm
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Contact Type	Pin
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Contact Mating Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
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Contact Current Rating (Max)	1.5 A
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Packaging Features

Packaging Quantity	10
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Packaging Method	Tube
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Housing Features

Housing Material	Polyester - GF
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Centerline (Pitch)	2 mm[.078 in]
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Configuration Features

Rows Loaded	Z, B, C, D, E, F, A
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Number of Columns	25
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Number of Rows	7
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Backplane Architecture	Mezzanine
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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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Product Type Features

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

Primary Product Color	Gray
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Usage Conditions

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

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 ppm.
Solder Process Capability	Not applicable for solder process capability

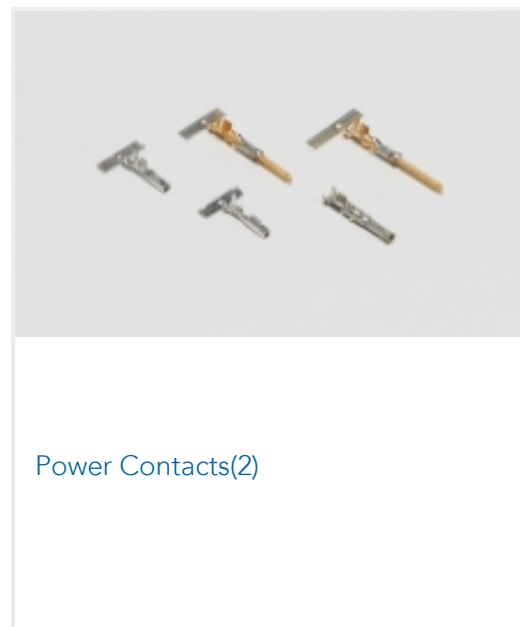
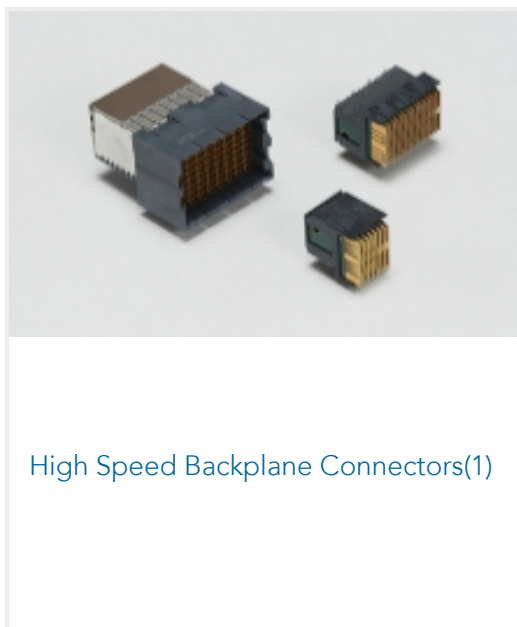
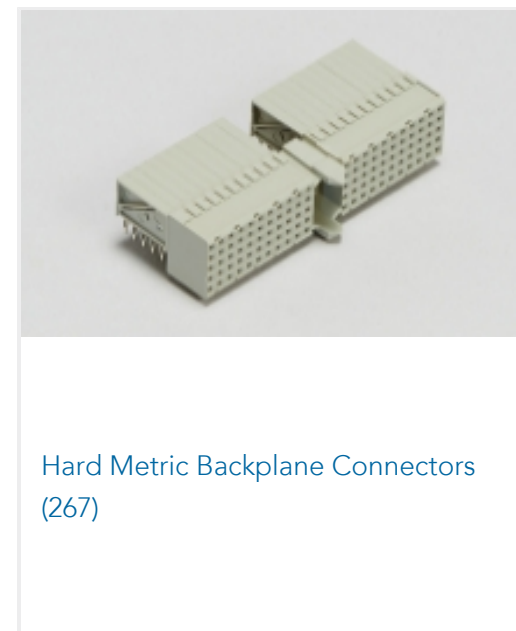
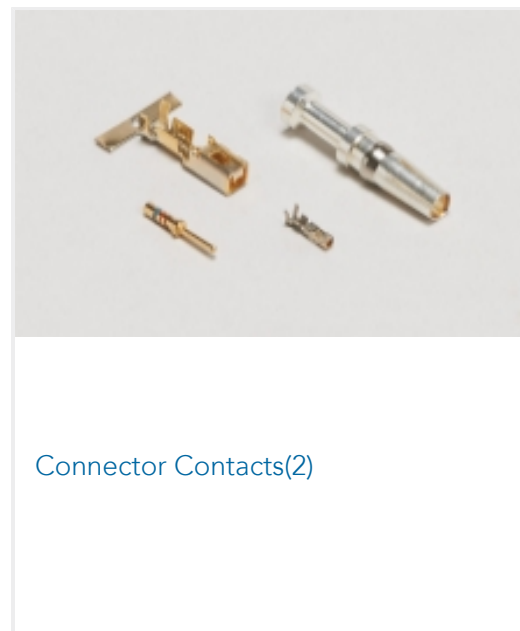
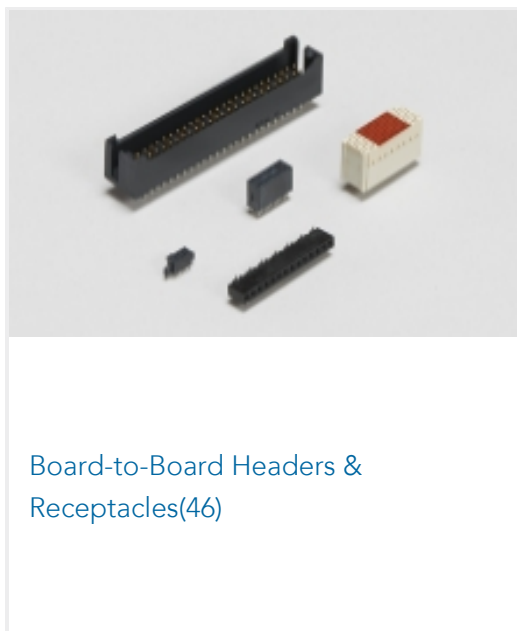
Product Compliance Disclaimer

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>

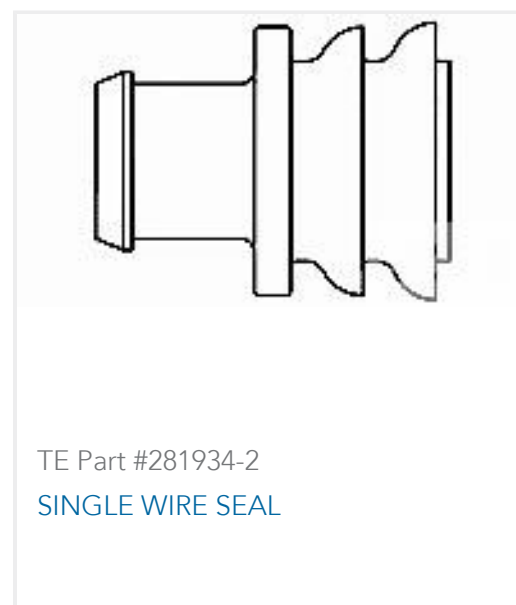
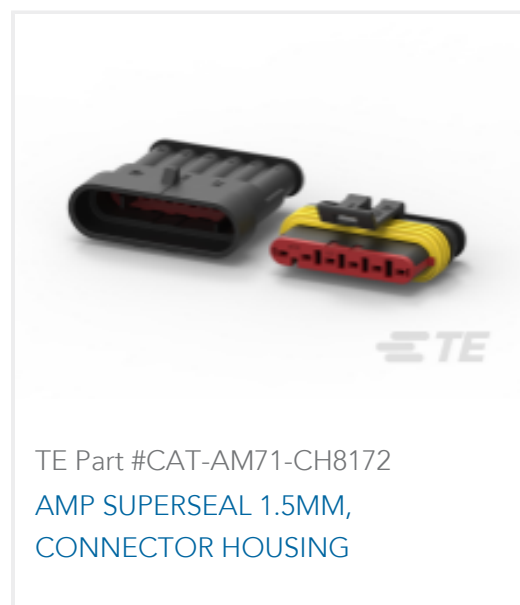
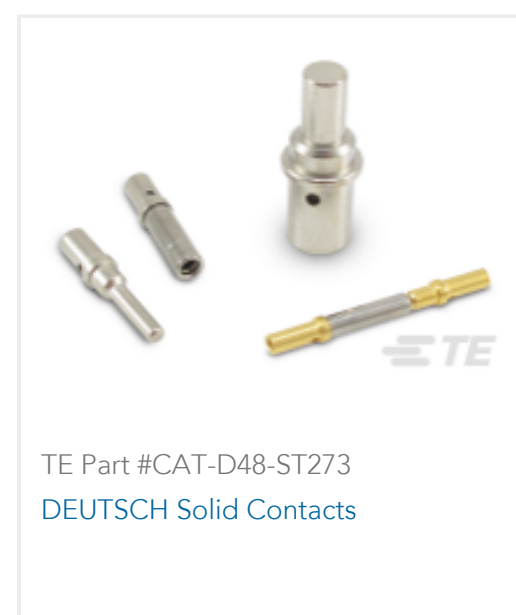
Compatible Parts



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



Customers Also Bought





Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_188834-4_F.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_188834-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_188834-4_F.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English