



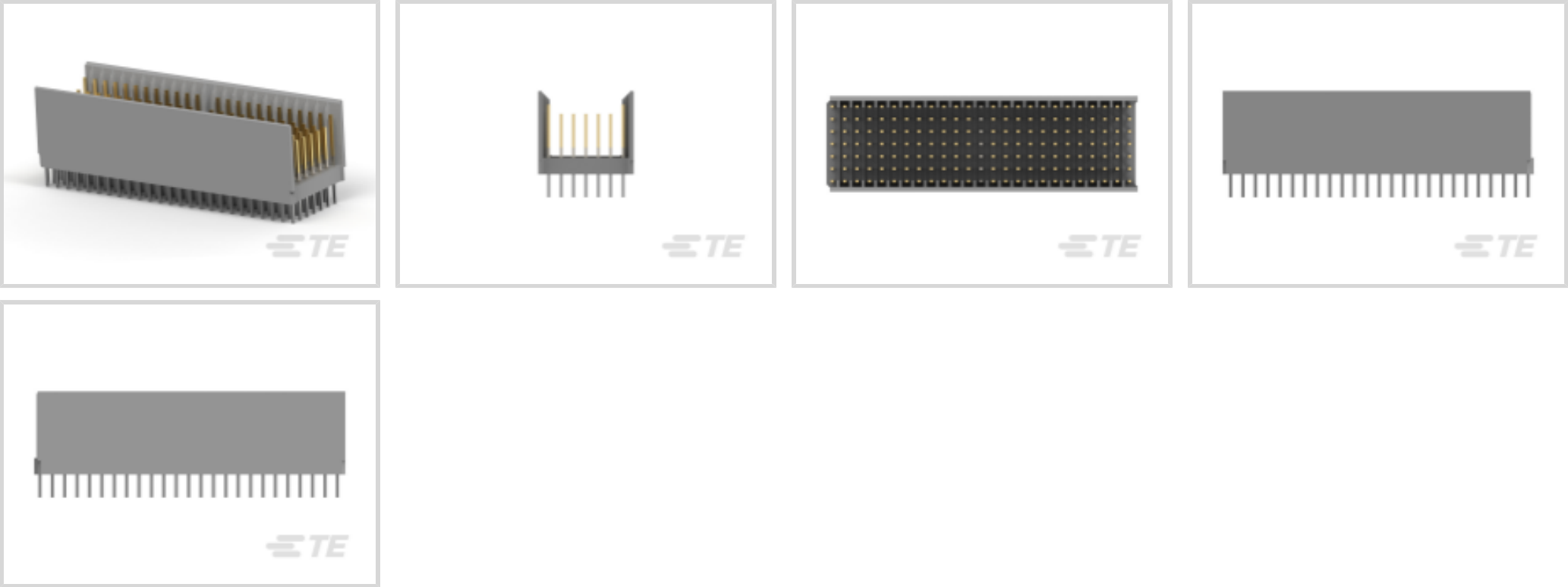
Z-PACK | Z-PACK 2mm HM

TE Internal #: 5188256-1
PCB Mount Header, ≤1 Gb/s, 25 Column, 7 Row, Mezzanine, 175
Position, 2 mm [.078 in] Centerline, Z-PACK 2mm HM, Hard Metric
Backplane Connectors

[View on TE.com >](#)

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

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



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
PCB Connector Assembly Type: **PCB Mount Header**
Data Rate: **≤1 Gb/s**
Number of Columns: **25**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features

Rows Loaded	Z, B, C, D, E, A, F
Number of Signal Positions	175
Number of Columns	25



Number of Rows	7
Backplane Architecture	Mezzanine
Number of Positions	175
PCB Mount Orientation	Vertical

Signal Characteristics

Crosstalk Version	Reduced
Data Rate	≤1 Gb/s

Body Features

Primary Product Color	Gray
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Contact Features

Contact Base Material	Phosphor Bronze
CompactPCI Designation	None
PCB Contact Termination Area Plating Material	Tin
Feedthrough Post Length	3.7 mm
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.5 μm[20 μin]
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

Dimensions

Backplane Module Length	49.88 mm
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Usage Conditions

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

Shielded	No
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Circuit Application

Signal

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	Compliant
EU ELV Directive 2000/53/EC	Compliant
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

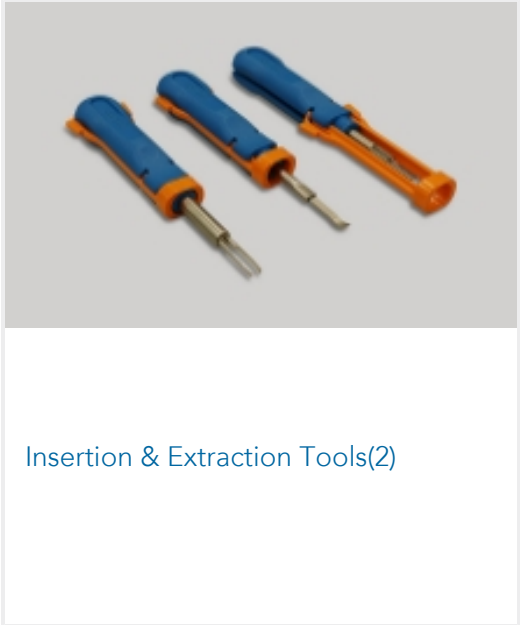
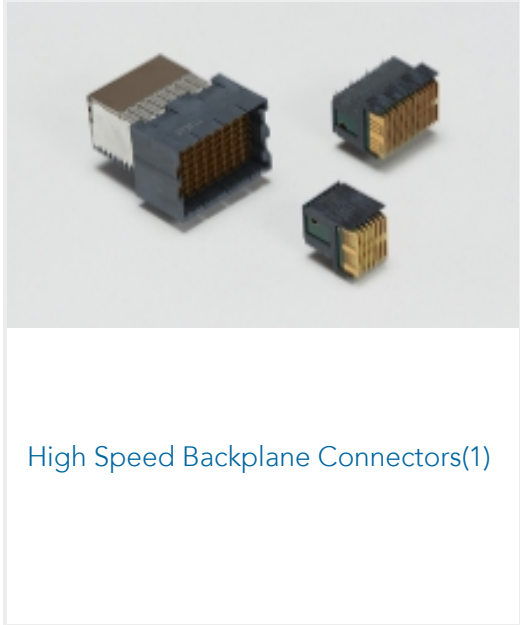
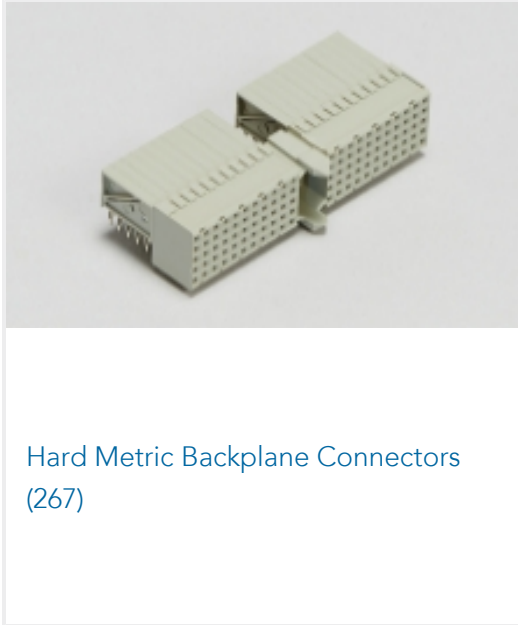
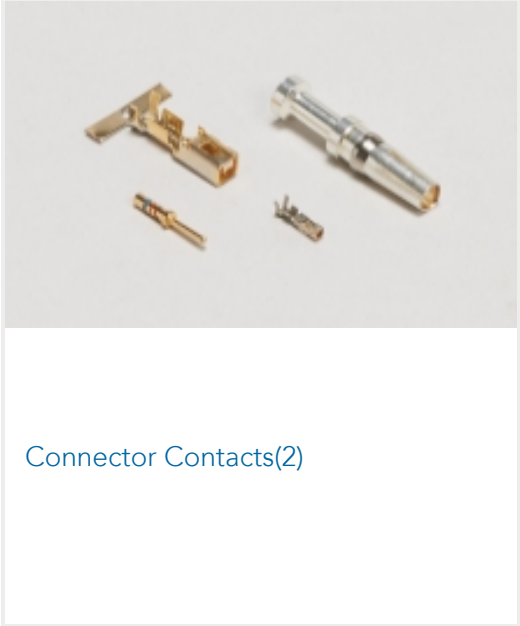
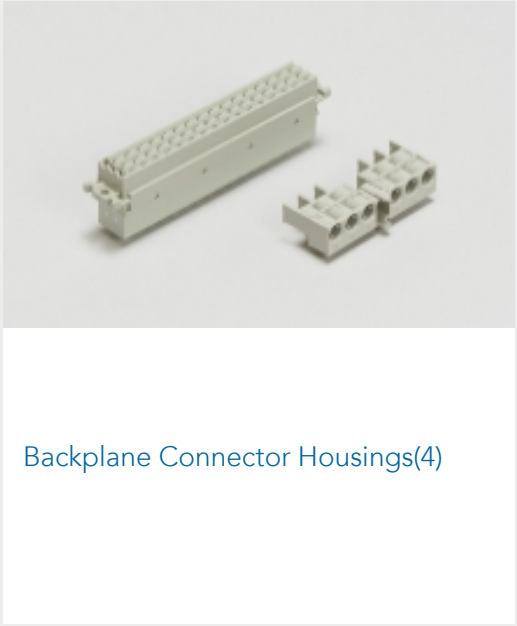
Product Compliance Disclaimer

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

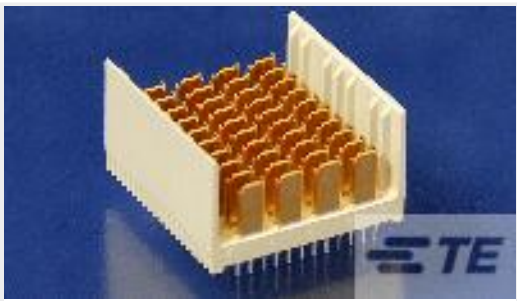




TE Part #6469001-1
HM-ZD 4PR RECP 80P



TE Part #171825-8
POST HDR ASSY VERT AMP EI CONN



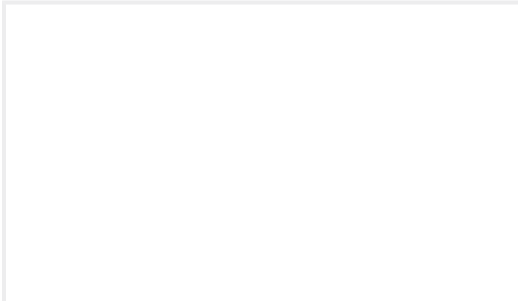
TE Part #6469002-1
HM-ZD 4PR HDR 80P 5.2MM



TE Part #171825-5
5 POS EIS POST HDR



TE Part #171825-7
V-TYPE E.I.S.CONN. 7P ASSY



TE Part #2369315-2
16G 05FH 4H rec assy 440POS 30u" Au

Documents

Product Drawings

2MMHM PIN HDR B MOD 175P-7ROW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5188256-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5188256-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5188256-1_C.3d_stp.zip

English

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Product Specifications

Application Specification

English