

2392167-1 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

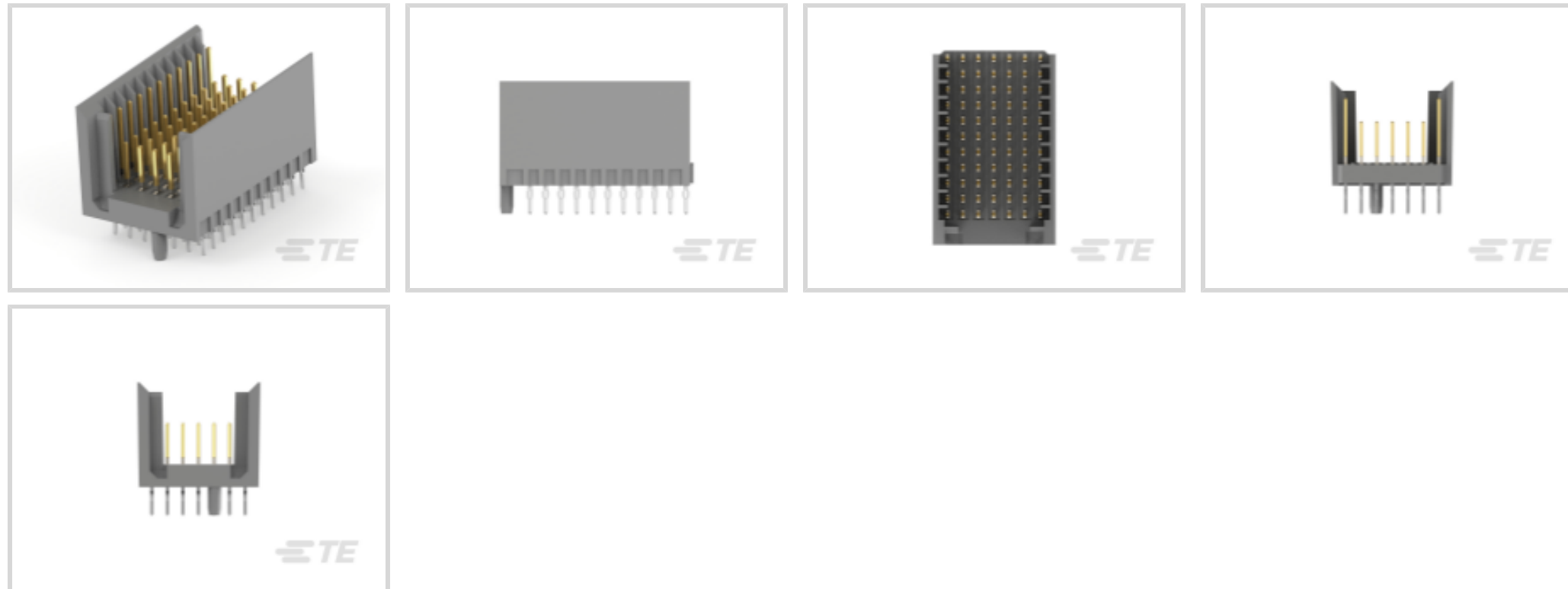
TE Internal #: 2392167-1

Hard Metric Backplane PCB Mount Header,  $\leq 1$  Gb/s, 11 Column, 7 Row, Mezzanine, 77 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



PCB Connector Type: **PCB Mount Header**

Data Rate:  $\leq 1$  Gb/s

Number of Columns: 11

Number of Rows: 7

Backplane Architecture: **Mezzanine**

## 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 Columns	11
Number of Rows	7
Backplane Architecture	Mezzanine
Number of Positions	77
PCB Mount Orientation	Vertical

### Signal Characteristics



Crosstalk Version	Standard
Data Rate	≤1 Gb/s

### Body Features

Primary Product Color	Gray
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### Contact Features

Contact Underplating Material	Nickel
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	Gold (Au)
Contact Mating Area Plating Material Thickness	.38 μm[15 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
Mating Alignment Type	Polarizing Peg
Front Mating Level	Level 1

### Housing Features

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

### Dimensions

Backplane Module Length	25 mm
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### Usage Conditions

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

Shielded	No
Circuit Application	Signal

### Industry Standards

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

Packaging Quantity	22
Packaging Method	Tray

**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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) 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

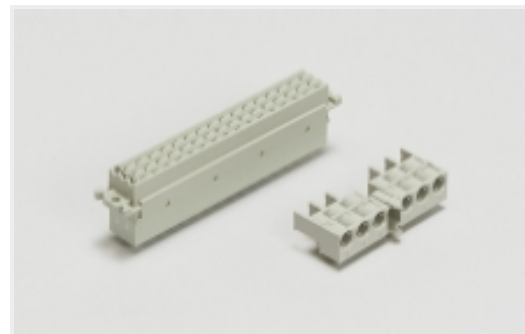
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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**

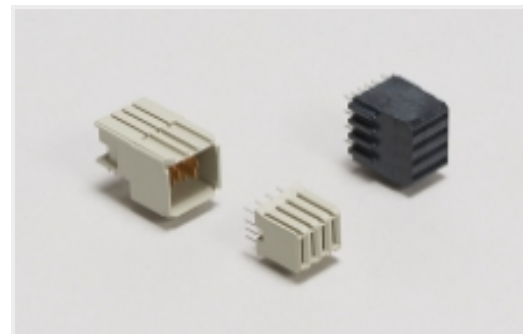




## Also in the Series | Z-PACK 2mm HM



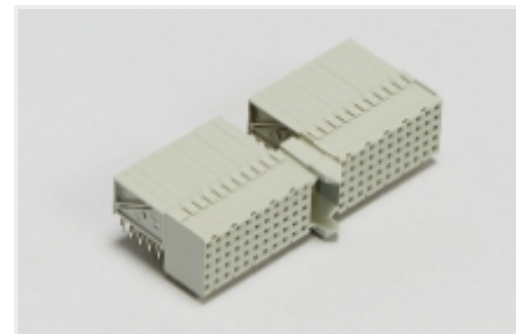
Backplane Connector Housings(4)



Backplane Power Connectors(1)



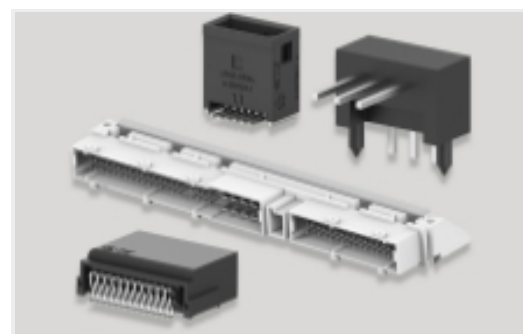
Connector Caps & Covers(62)



Hard Metric Backplane Connectors (264)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(46)



Rectangular Power Connectors(46)

## Customers Also Bought



TE Part #LBT3400LS  
MOUNT,TKG,3/4



TE Part #254897-E  
STVC 96 F ABC WV 7-00 TL 4,0 \* 137  
E007



TE Part #284134-E  
STVC 96 F ABC WV 7-00 EE 17,0 \* 137  
E00



TE Part #TRA6927M3PB-001  
OMNI,DB,Ph,698/1710 MHz BK,3 dBi,  
100W,



TE Part #2-292173-2  
CT BOX HDR H SMT 2P O/TAPE BLA



TE Part #2-330808-8  
SOCKET,MIN-SPR AU SER-1



TE Part #826936-2  
2P AMPMODU II STIFT LEI



TE Part #1676300-2  
RN 0805 30K1 0.1% 10PPM 1KRL



TE Part #1759547-1  
mSATA/mini PCI-E 7H G/F



TE Part #3-5177986-4  
0.8FH,P08H.5,100,08/Sn,TR,SC



## Documents

### Product Drawings

[2MM HM, HEADER, TYPE C, EON](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2392167-1\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2392167-1\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2392167-1\\_1.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English