

3-100669-0 ✓ ACTIVE



Z-PACK | Z-PACK 2mm HM

TE Internal #: 3-100669-0

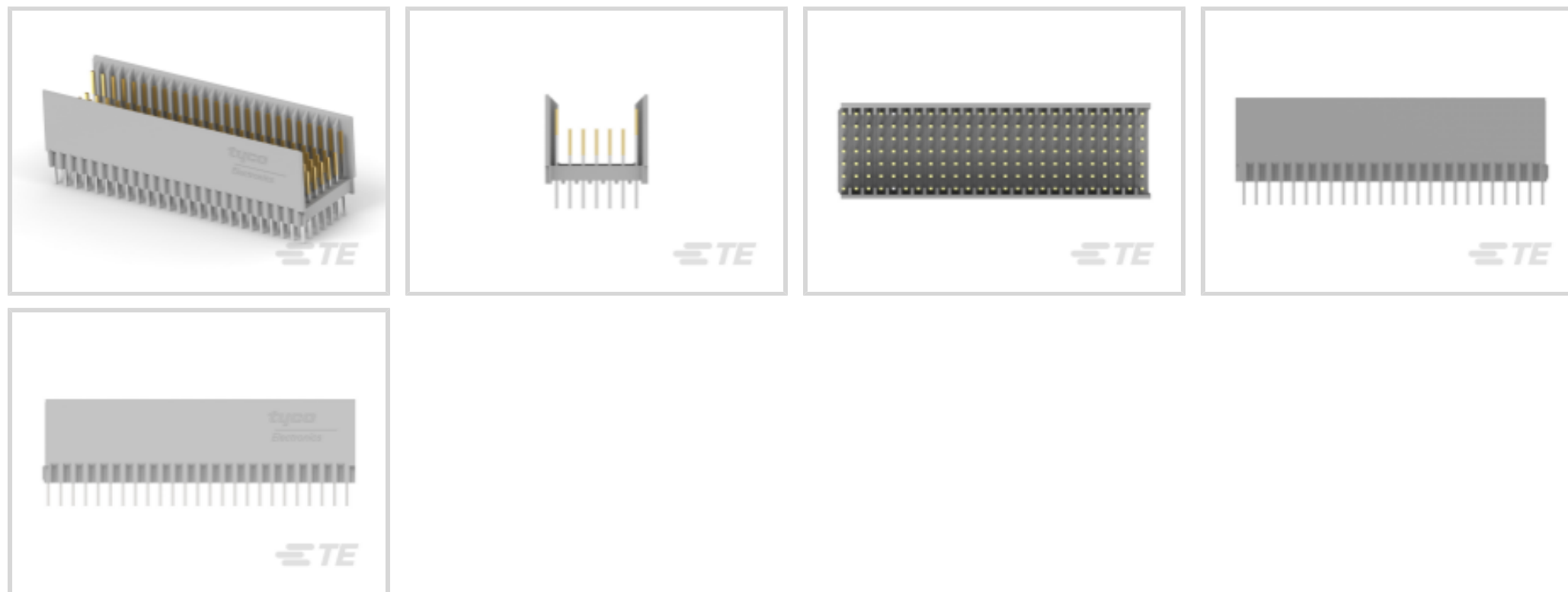
Hard Metric Backplane Connectors, PCB Mount Header,  $\leq 1$  Gb/s,  
25 Column, 7 Row, Mezzanine, 175 Position, 2 mm [.078 in]

Centerline, 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 Assembly 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 \(124\)](#)

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| PCB Connector Assembly Type       | PCB Mount Header      |
| Connector System                  | Board-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                        |           |
|------------------------|-----------|
| Number of Columns      | 25        |
| Number of Rows         | 7         |
| Backplane Architecture | Mezzanine |
| Number of Positions    | 175       |
| PCB Mount Orientation  | Vertical  |

### Signal Characteristics

|           |               |
|-----------|---------------|
| Data Rate | $\leq 1$ Gb/s |
|-----------|---------------|

### Body Features

|                       |      |
|-----------------------|------|
| Primary Product Color | Gray |
|-----------------------|------|

### Contact Features

|  |                 |
|--|-----------------|
| CompactPCI Designation                         | None            |
| Contact Underplating Material                  | Nickel          |
| Contact Base Material                          | Phosphor Bronze |
| Contact Mating Area Plating Material           | Gold            |
| Contact Mating Area Plating Material Thickness | .76 μm[30 μin]  |
| Contact Current Rating (Max)                   | 1.5 A           |

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Housing Features

|                    |                        |
|--------------------|------------------------|
| Housing Material   | Glass Filled Polyester |
| Centerline (Pitch) | 2 mm[.078 in]          |

### Usage Conditions

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

### Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                  |      |
|------------------|------|
| Packaging Method | Tube |
|------------------|------|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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.

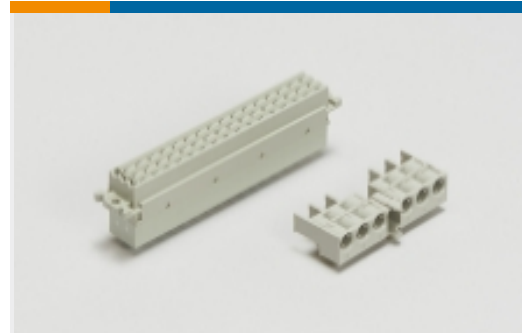
Solder Process Capability

Not applicable for solder process capability

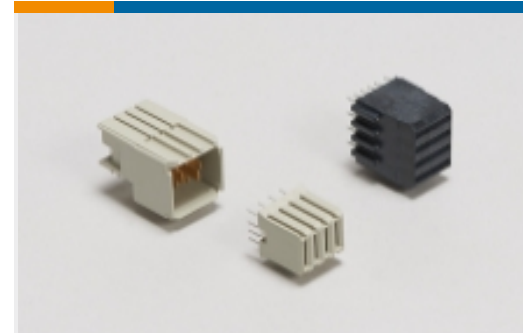
Product Compliance Disclaimer

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>

Also in the Series | Z-PACK 2mm HM



Backplane Connector Housings(4)



Backplane Power Connectors(6)



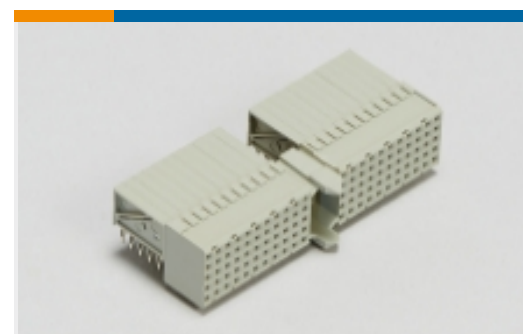
Connector Caps & Covers(62)



Connector Contacts(2)



Connector Hardware(97)



Hard Metric Backplane Connectors (267)



High Speed Backplane Connectors(1)



Insertion & Extraction Tools(2)

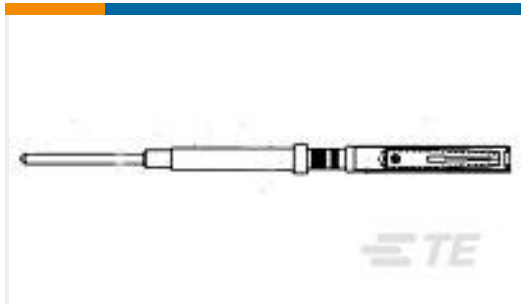


Rectangular Power Connectors(87)

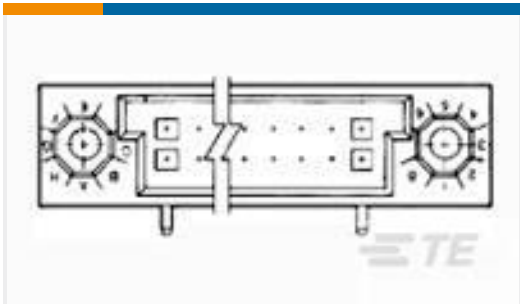
### Customers Also Bought



TE Part #530341-4  
BOX PIN HEADER KIT



TE Part #211431-6  
SKT CONTACT ASSY, SZ 22



TE Part #1-532428-5  
HDI RECP ASSY 2 ROW 200 POS



TE Part #2338336-2  
SCREW SLIVER2.0 STRADDLE MOUNT



TE Part #3-5646446-0  
2MM HM,ASY,T-F,REC,TWIST TULIP



TE Part #3-5646457-0  
2MM HM,ASY,T-F,PIN,088 POS



TE Part #3-5646729-0  
2MM HM,ASY,T-D/E,HDR,8R,200,AP

### Documents

#### Product Drawings

[2MM HM TYPE B PIN ASSEMBLY](#)

English

#### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_3-100669-0\\_K.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-100669-0\\_K.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-100669-0\\_K.3d\\_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English