



Z-PACK | Z-PACK 2mm HM

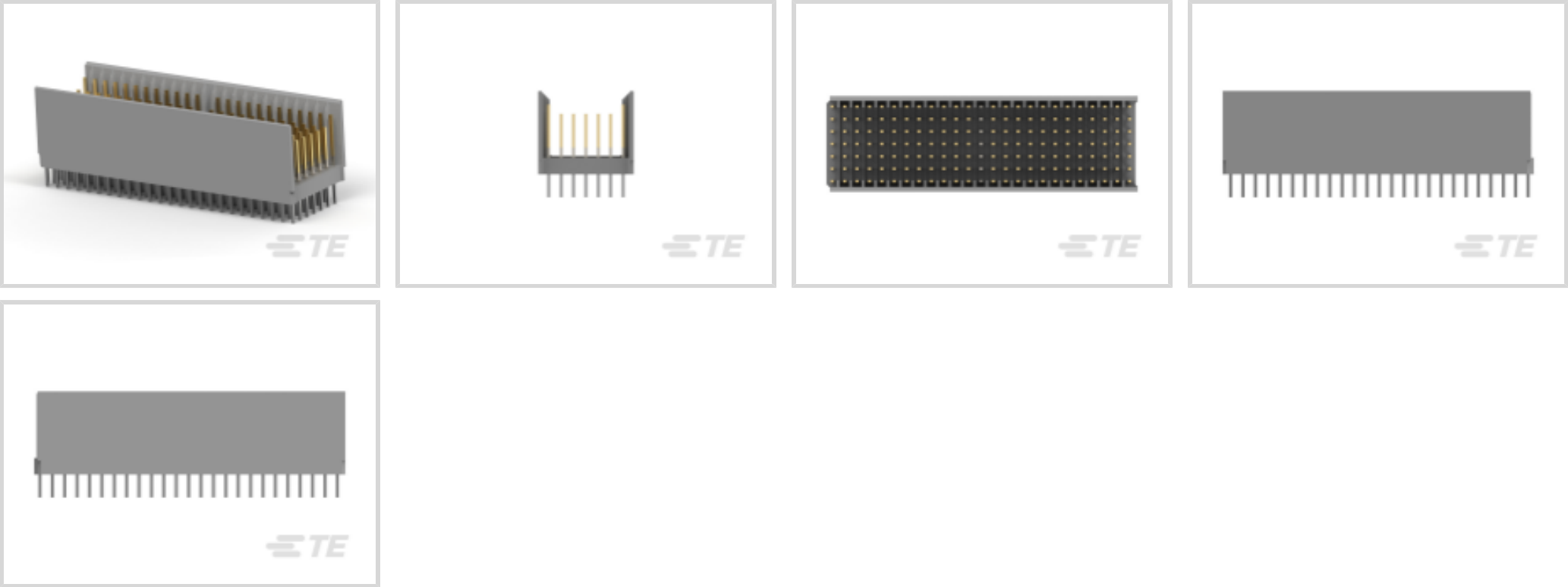
TE Internal #: 5188256-1

Hard Metric Backplane PCB Mount Header, ≤1 Gb/s, 25 Column, 7 Row, Mezzanine, 175 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

Mechanical Attachment

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

Industry Standards

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

Termination Features

| | |
|---------------------------|--------------------------|
| Termination Method to PCB | Through Hole - Press-Fit |
|---------------------------|--------------------------|

Dimensions

| | |
|-------------------------|----------|
| Backplane Module Length | 49.88 mm |
|-------------------------|----------|

Operation/Application

| | |
|---------------------|--------|
| Shielded | No |
| Circuit Application | Signal |

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 |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 10 |
| Packaging Method | Tube |

Housing Features

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

Configuration Features

| | |
|----------------------------|---------------------|
| Rows Loaded | Z, B, C, D, E, F, A |
| 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 |

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 |

Body Features

| | |
|--|--|
| | |
|--|--|



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

Usage Conditions

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

Other

| | |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance | Compliant |

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 |

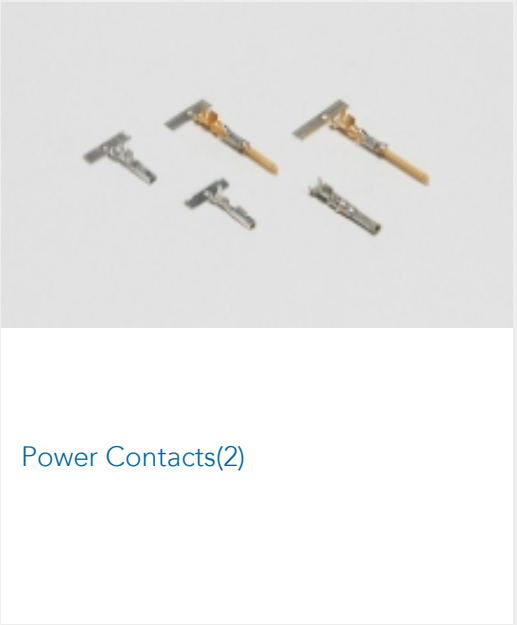
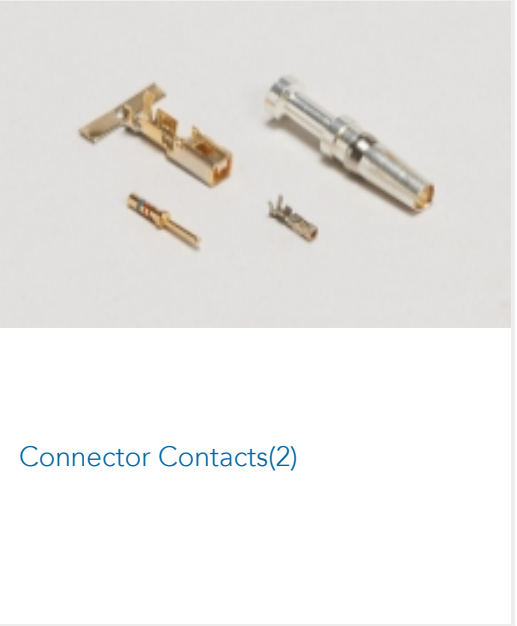
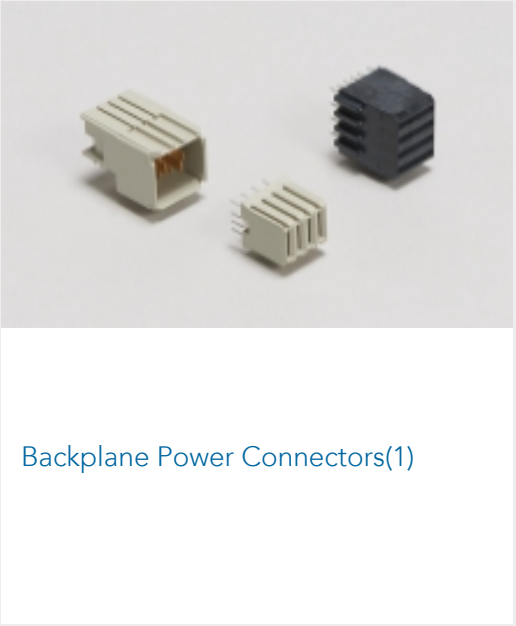
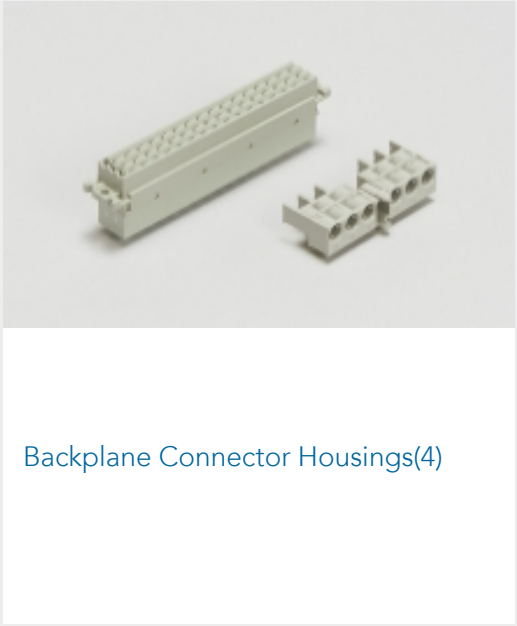
Product Compliance Disclaimer

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

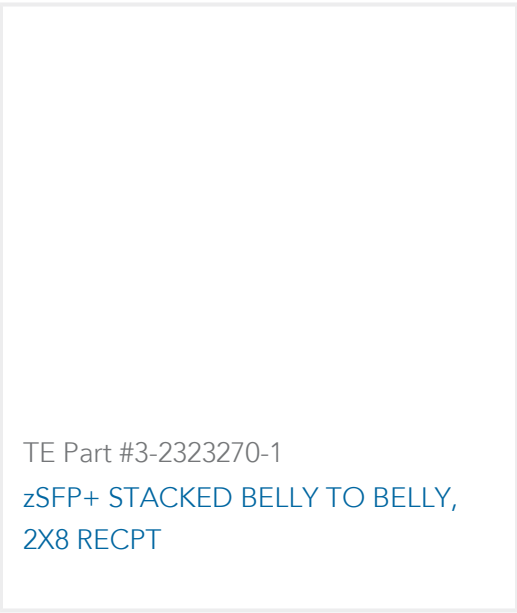


Also in the Series | Z-PACK 2mm HM



Customers Also Bought





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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English