# 2336514-1 ✔ ACTIVE

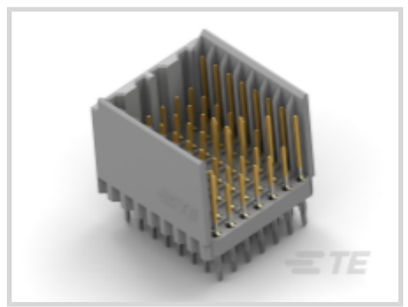
Z-PACK | Z-PACK 2mm HM

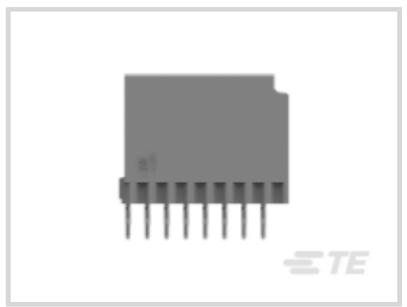
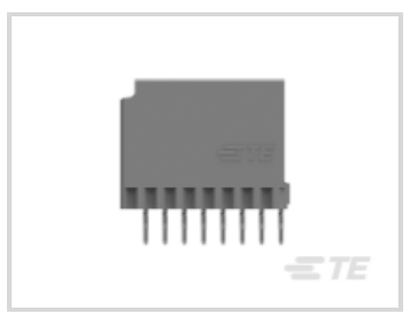
TE Internal #: 2336514-1

Hard Metric Backplane PCB Mount Header, 1 Gb/s, 8 Column, 5 Row, Traditional Backplane, 40 Position, 2 mm [.078 in] Centerline, 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: **1 Gb/s**

Number of Columns: **8**

Number of Rows: **5**

Backplane Architecture: **Traditional Backplane**

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Rows Loaded | A, B, C, D, E |
| Mating & Unmating Configuration | Make First / Break Last, Sequencing |
| Number of Signal Positions | 40 |
| Number of Columns | 8 |
| Number of Rows | 5 |
| Backplane Architecture | Traditional Backplane |
| Number of Positions | 40 |
| PCB Mount Orientation | Vertical |

### Signal Characteristics



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| | |
|---|---|
| Crosstalk Version | Standard |
| Data Rate | 1 Gb/s |

### Body Features

| | |
|---|---|
| Primary Product Color | Natural |

### Contact Features

| | |
|---|---|
| Contact Base Material | Copper Alloy |
| CompactPCI Designation | None |
| Contact Type | Pin |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Current Rating (Max) | 1.5 A |

### Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |
| Mating Alignment Type | Polarization |

### Housing Features

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

### Usage Conditions

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

### Operation/Application

| | |
|---|---|
| Shielded | No |
| 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>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| 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 |



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| | |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

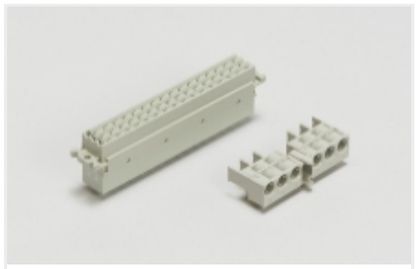
## Compatible Parts



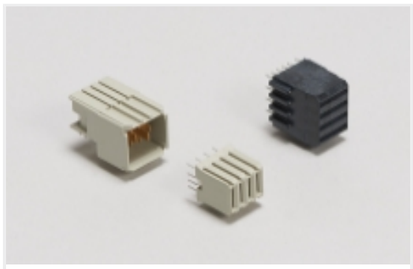
TE Part # 2341475-1
2MM HM MALE CONNECTOR, COL 8, M2

TE Part # 2336682-1
2MM HM FEMALE ASSY, COL8

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



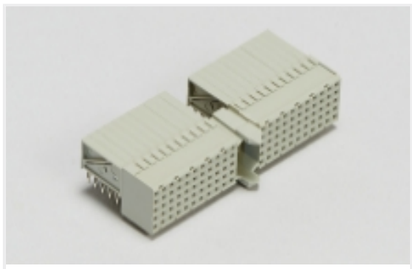
Backplane Connector Housings(4)



Backplane Power Connectors(1)



Connector Caps & Covers(61)



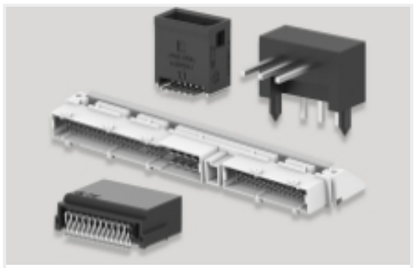
Hard Metric Backplane Connectors (273)



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Insertion & Extraction Tools(1)



PCB Headers & Receptacles(46)

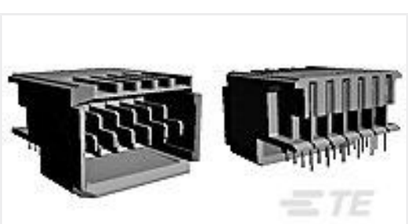


Power Contacts(1)



Rectangular Power Connectors(46)

## Customers Also Bought



TE Part #120957-1
UPM EXPANDED PIN ASSEMBLY



TE Part #8-1879208-8
CPF 0402 43K 0.1% 25PPM 1K RL



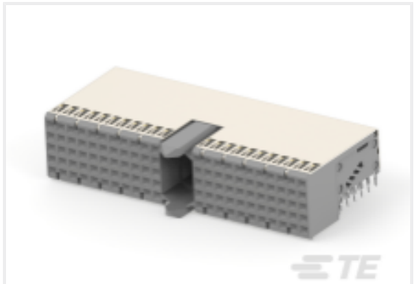
TE Part #3-1879215-2
CPF 0402 8K66 0.1% 25PPM 1K RL



TE Part #2007181-1
SFP+ 1x2 Cage Assy, EMI Gasket

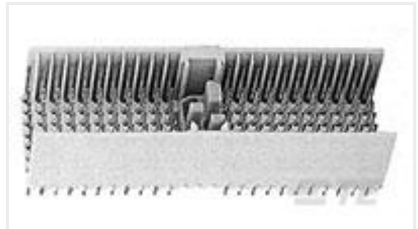


TE Part #2007182-1
SFP Standard 1x2 Light Pipe Assm



TE Part #2367945-1
Z-PACK/A F-HDR 110P, EON

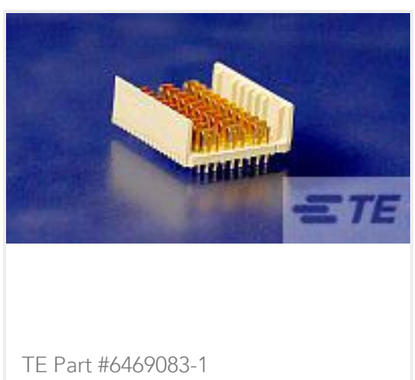
TE Part #2473218-1
HMZD+,3PAIRS,10COLS,VERTICAL, ASSEMBLY



TE Part #5352332-1
2MM HM TYPE A MALE HDR 154 POS



TE Part #5554923-1
RCPT ASSY, R/TANG SHLD, 24 POS



TE Part #6469083-1
HMZD 3PAIR, HDR ASSY, 25MM MOD

## Documents

### Product Drawings

2MM HM MALE CONNECTOR, COL 8, M2

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2336514-1_A.2d_dxf.zip



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English

### Customer View Model

ENG_CVM_CVM_2336514-1_A.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2336514-1_A.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

## Agency Approvals

### UL Report

English



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