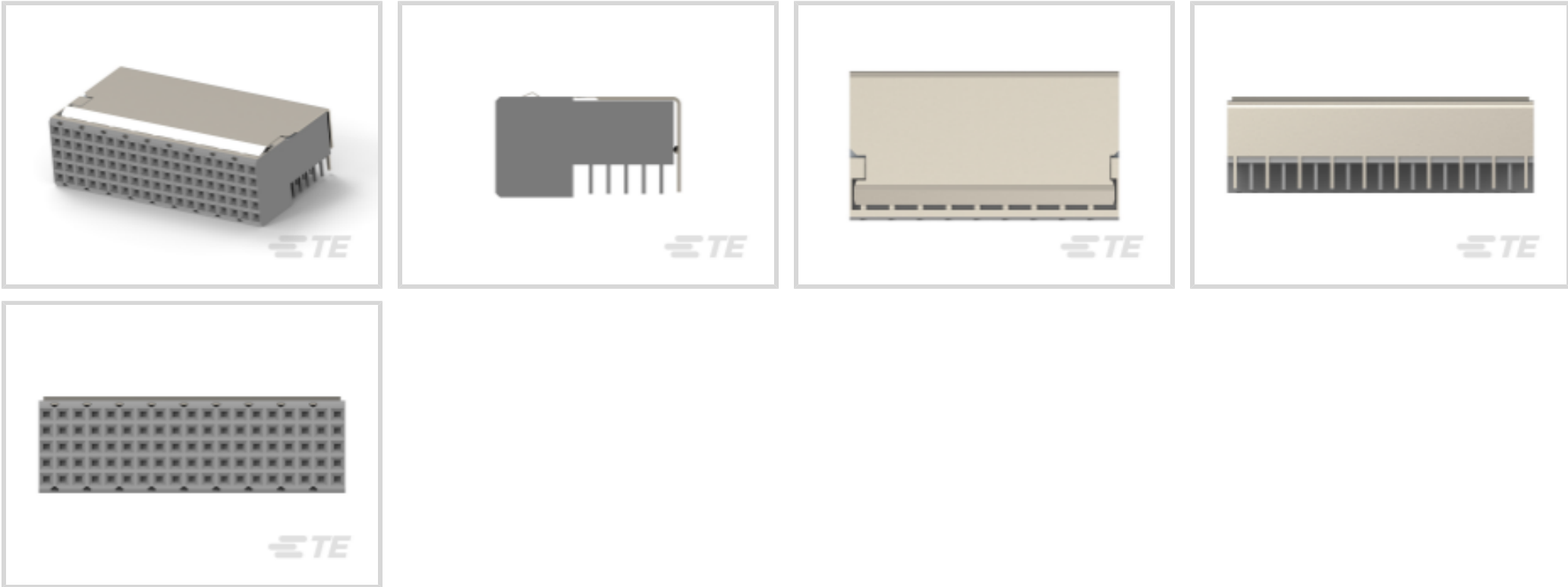




Connectors > PCB Connectors > Backplane Connectors > Hard Metric Backplane Connectors



PCB Connector Assembly Type: **PCB Mount Receptacle**

Data Rate: **1 Gb/s**

Number of Columns: **19**

Number of Rows: **5**

Backplane Architecture: **Traditional Backplane**

Features

Product Type Features

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

Configuration Features

|                        |                       |
|------------------------|-----------------------|
| Number of Columns      | 19                    |
| Number of Rows         | 5                     |
| Backplane Architecture | Traditional Backplane |
| Number of Positions    | 95                    |
| PCB Mount Orientation  | Right Angle           |

Signal Characteristics

|           |        |
|-----------|--------|
| Data Rate | 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 | .076 µm[2.99 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[.079 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 Quantity | 14   |
| Packaging Method   | Tube |

Product Compliance

For compliance documentation, visit the product page on 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (13% in Component Part)<br><small>Article Safe Usage Statements:</small> |



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 reviewed for solder process capability     |

Product Compliance Disclaimer

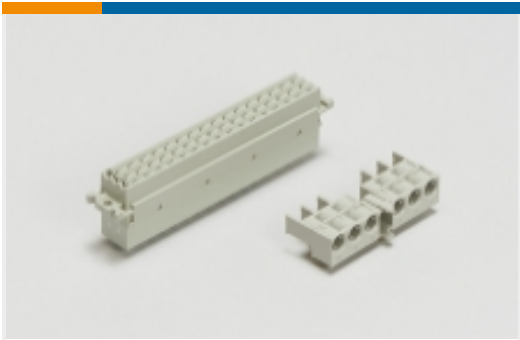
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

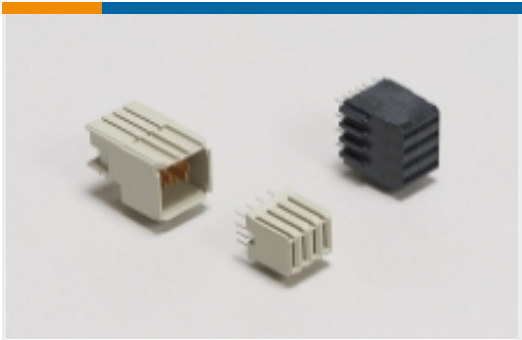


TE Part # 5352869-1  
2MMHM ASY,TYPE B 133 POS


Also in the Series | Z-PACK 2mm HM




Backplane Connector Housings(4)



Backplane Power Connectors(6)




Connector Caps & Covers(62)

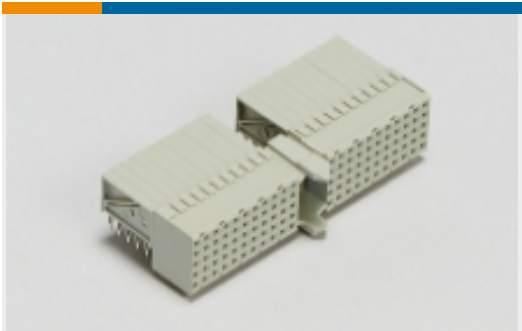


Connector Contacts(2)

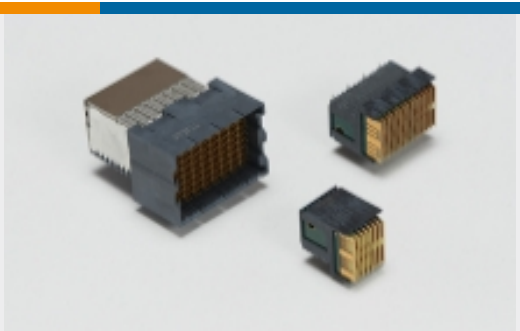





Connector Hardware(97)




Hard Metric Backplane Connectors (267)



High Speed Backplane Connectors(1)




Insertion & Extraction Tools(2)




Rectangular Power Connectors(87)


Customers Also Bought




TE Part #DT04-2P  
REC, 2P, GRY, N




TE Part #DT06-2S  
PLG, 2P, GRY, N



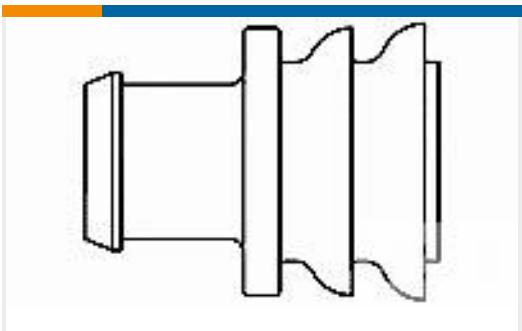
TE Part #W2S  
Wedgelocks: DEUTSCH DT




TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings  
Z-PACK/B F-HDR. 95P, EON  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2170864-1\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2170864-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2170864-1\\_A.3d\\_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English