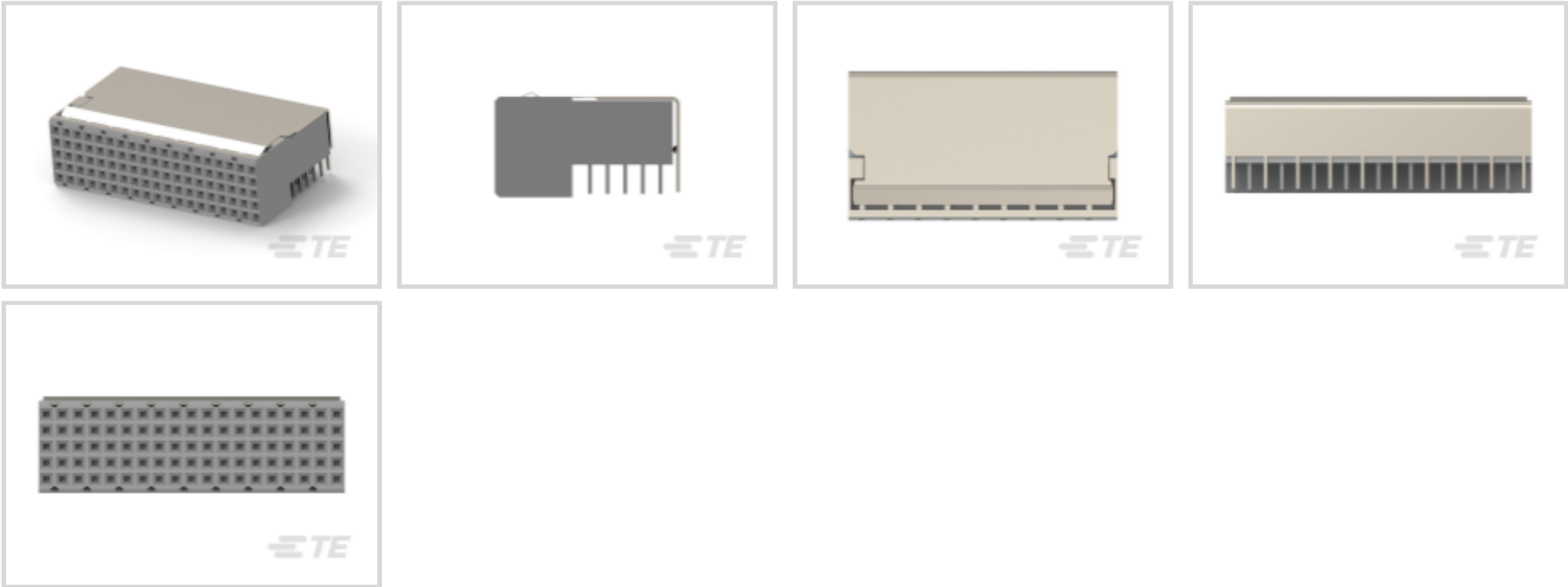




Connectors > PCB Connectors > Backplane Connectors > Hard Metric Backplane Connectors



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

Mechanical Attachment

Connector Mounting Type	Board Mount
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Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
CompactPCI Designation	None
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.076 µm[2.99 µin]
Contact Current Rating (Max)	1.5 A

Packaging Features

Packaging Quantity	14
Packaging Method	Tube



Housing Features

Housing Material	Glass-Filled Polyester
Centerline (Pitch)	2 mm[.079 in]

Product Type Features

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

Signal Characteristics

Data Rate	1 Gb/s
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Configuration Features

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

Body Features

Primary Product Color	Gray
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Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

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)  
Candidate List Declared Against: JUNE  
2024 (241)  
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 reviewed for solder process capability

Product Compliance Disclaimer

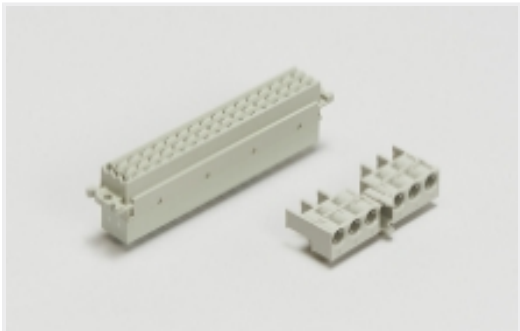
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

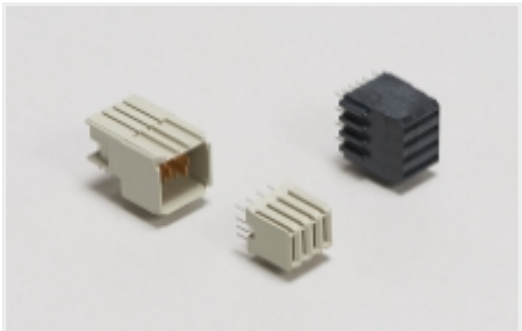


TE Part # 5352869-1  
2MMHM ASY,TYPE B 133 POS


Also in the Series | Z-PACK 2mm HM




Backplane Connector Housings(4)



Backplane Power Connectors(1)



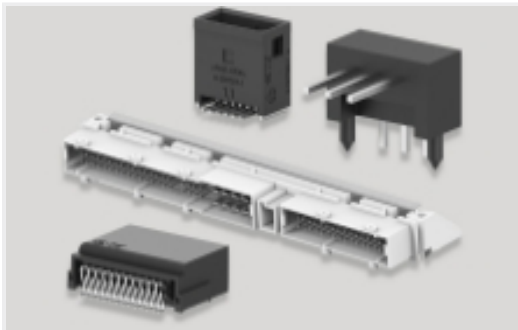
Connector Caps & Covers(62)



Connector Contacts(2)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(46)



Power Contacts(2)

Customers Also Bought



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



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



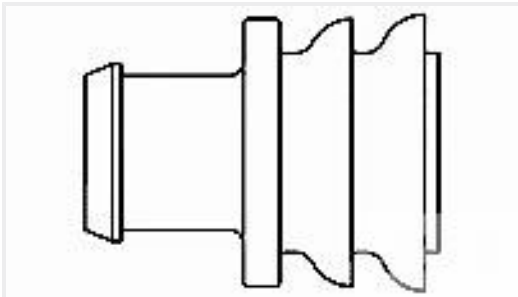
TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL

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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Product Specifications

Product Specification

English