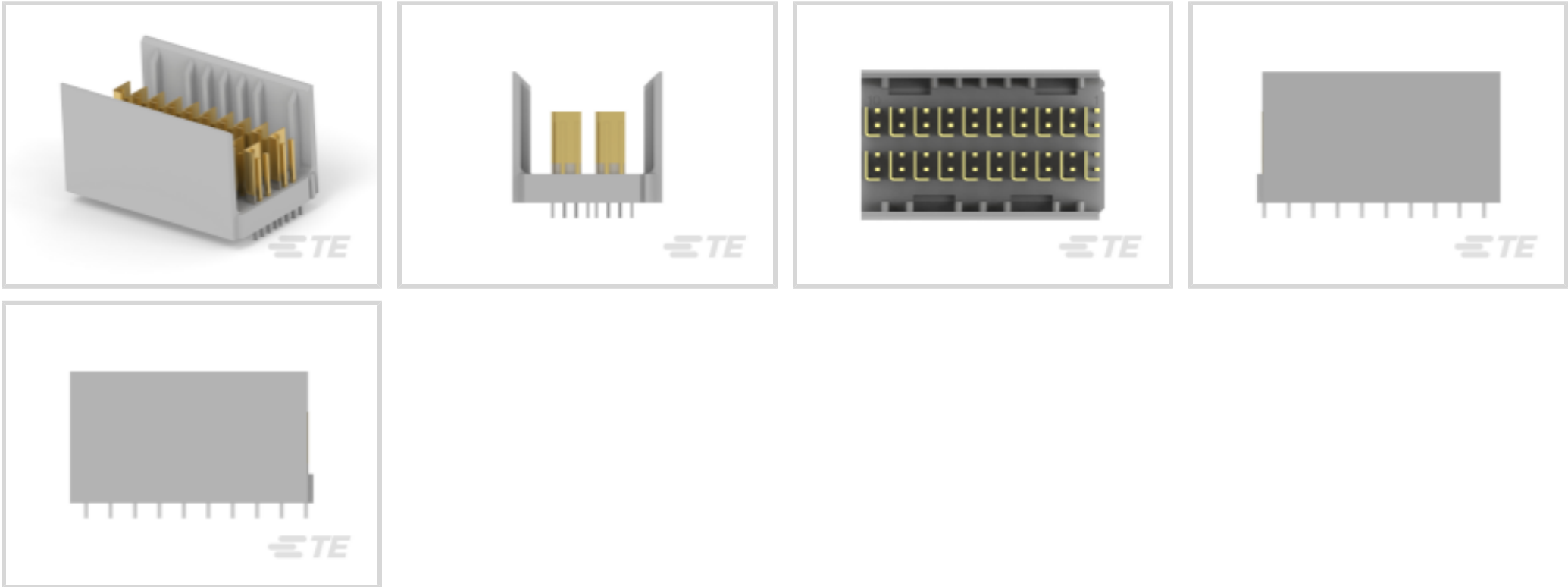




Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



Number of Positions: 40  
Row-to-Row Spacing: 3 mm [.118 in]  
Mating Alignment: With  
Mating Alignment Type: Center & Dual  
Number of Rows: 2

Features

Signal Characteristics

Data Rate	≤12 Gb/s
Number of Differential Pairs per Column	2

Electrical Characteristics

Operating Voltage	250 VAC
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Body Features

Primary Product Color	Gray
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Packaging Features

Packaging Method	Tube
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Operation/Application

Durability Rating	250 Cycles
Circuit Application	Signal



Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Base Material	Phosphor Bronze, Brass
Contact Type	Pin
Contact Current Rating (Max)	.7 A

Housing Features

Number of Shrouded Sides	2
Centerline (Pitch)	2.5 mm[.1 in]

Product Type Features

Signal Arrangement	Differential
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Header

Configuration Features

Number of Signal Positions	2
Number of Positions	40
Number of Rows	2
Number of Columns	10
PCB Mount Orientation	Vertical
Guide Location	Unguided

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Center & Dual
Connector Mounting Type	Board Mount

Dimensions

Row-to-Row Spacing	3 mm[.118 in]
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Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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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

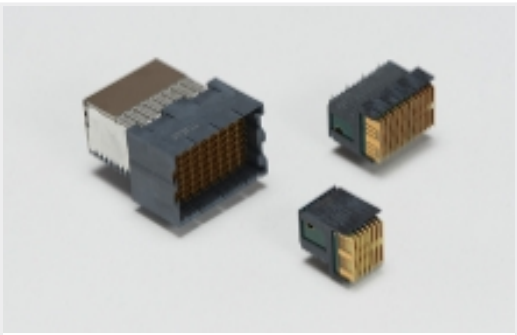
Product Compliance Disclaimer

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 HM-Zd+

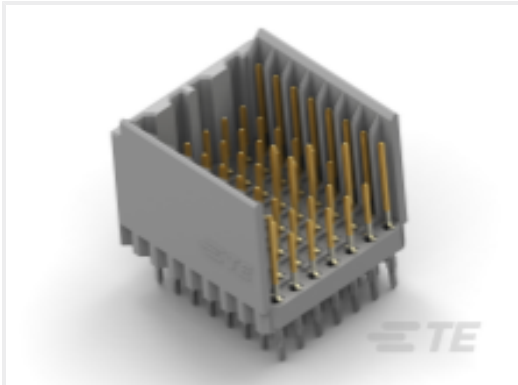


High Speed Backplane Connectors(5)

Customers Also Bought



TE Part #2309408-1  
DDR4 SODIMM 260P 4.0H RVS



TE Part #2336514-1  
2MM HM MALE CONNECTOR, COL 8, M2



TE Part #2-1926739-5  
AssyMinipak Hdl25s10pRAREcptSc



TE Part #5223957-3  
UPM GUIDE MODULE



TE Part #284391-2  
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part #6-2176390-2  
RQ 1206 4K99 0.1% 10PPM 5K RL



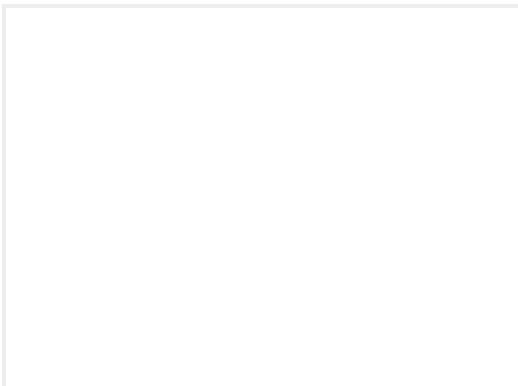
TE Part #4-2170808-2  
QSFP28, 1X2, CAGE ASSY, SPRING, HS, LP



TE Part #2227303-3  
CAGE ASSEMBLY, SFP, .071 TAIL



TE Part #244840-E  
SMCQ 80 M AB VV 8-13 CL \* H007 137 E005



TE Part #214363-E  
ERMBGR BS GSEFB \* LP60 GPAU ERMET-BAUSAT

Documents

Product Drawings

HMZD+,2PAIRS,10COLS,VERTICAL,ASSEMBLY

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2170328-1\_1.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2170328-1\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2170328-1\\_1.3d\\_stp.zip](#)

English

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

[Product Specifications](#)

[Application Specification](#)

English