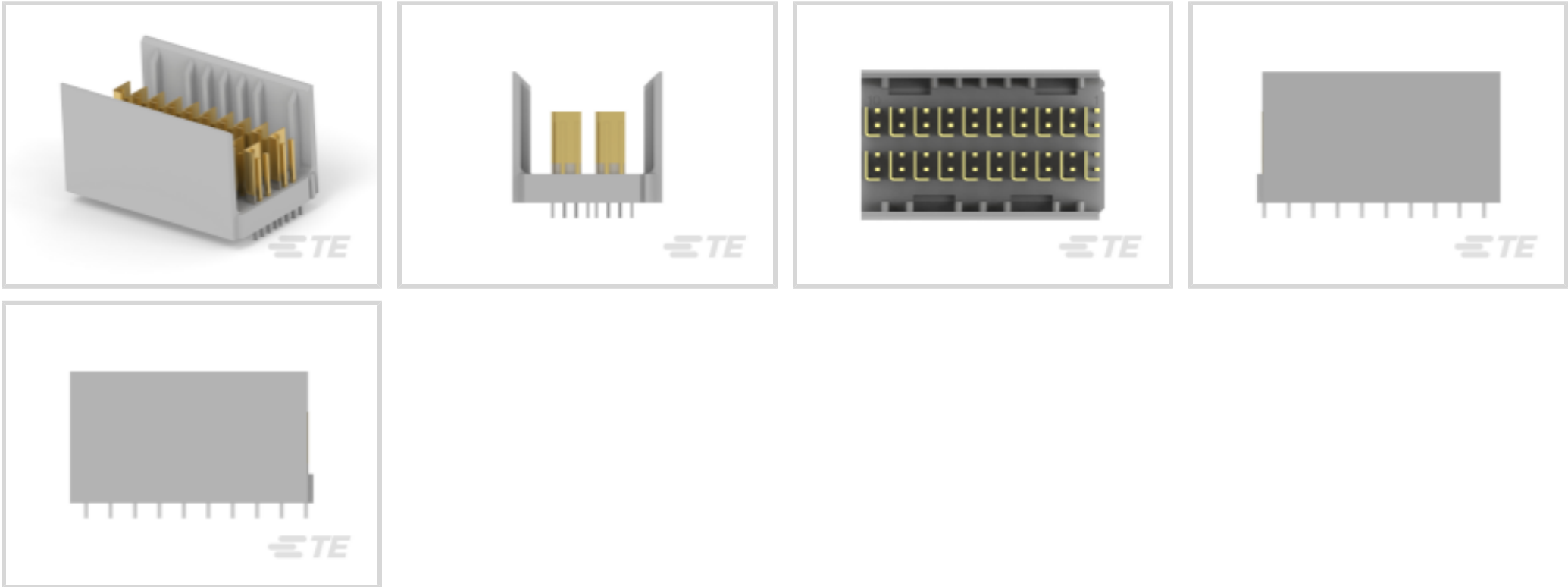




Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



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

Product Type Features

Signal Arrangement	Differential
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector 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

Electrical Characteristics

Operating Voltage	250 VAC
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Signal Characteristics



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

Body Features

Primary Product Color	Gray
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Contact Features

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

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

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

Housing Features

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

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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Operation/Application

Durability Rating	250 Cycles
Circuit Application	Signal

Packaging Features

Packaging Method	Tube
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

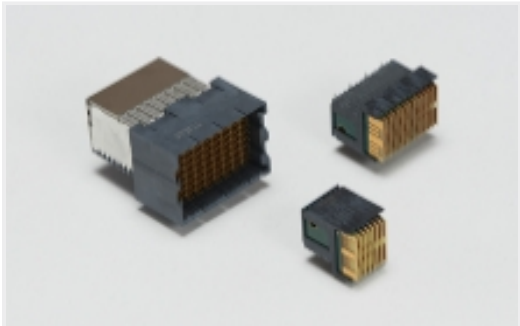
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # 2065769-1
Zd Plus 2 pair receptacle assy

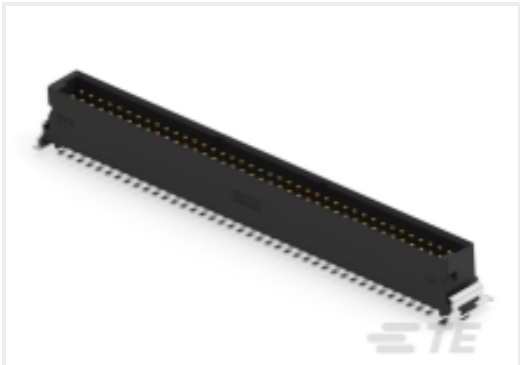
Also in the Series | Z-PACK HM-Zd+




High Speed Backplane Connectors(5)




Customers Also Bought



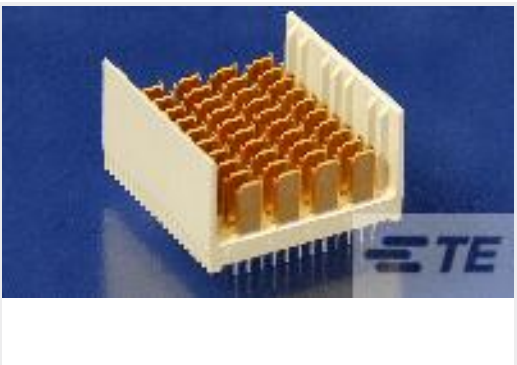
TE Part #244840-E
SMCQ 80 M AB VV 8-13 CL * H007 137 E005




TE Part #204752-E
STVC 96 F ABC VVV 7-00 EE 4,0 * 247 E007




TE Part #254960-E
STVE 160 F ABCDE VVVV 7-00 EEUE 17,0 *



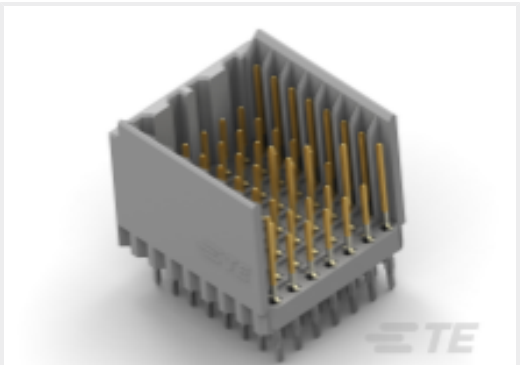
TE Part #6469002-1
HM-ZD 4PR HDR 80P 5.2MM



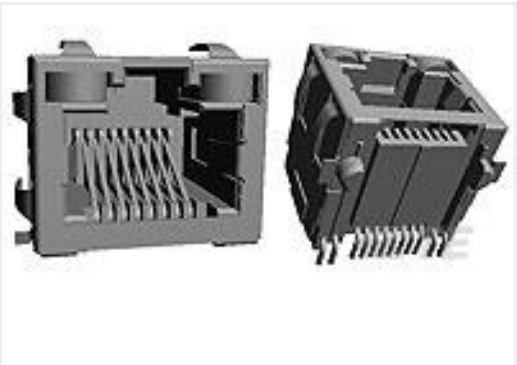
TE Part #5223957-3
UPM GUIDE MODULE




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



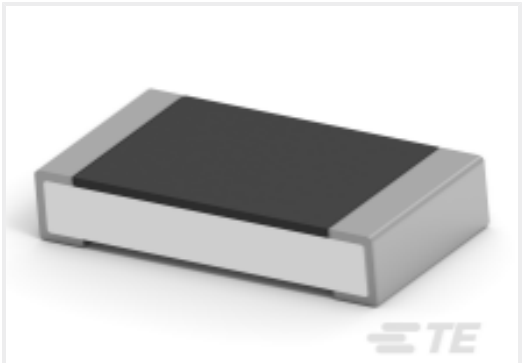
TE Part #2336514-1
2MM HM MALE CONNECTOR, COL 8, M2



TE Part #6339191-5
MJ,RJ45,SMT,SHLD,LED(G/G)



TE Part #2-1926739-5
AssyMinipak HdI25s10pRARecptSc



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

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

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Product Specifications

Application Specification

English