

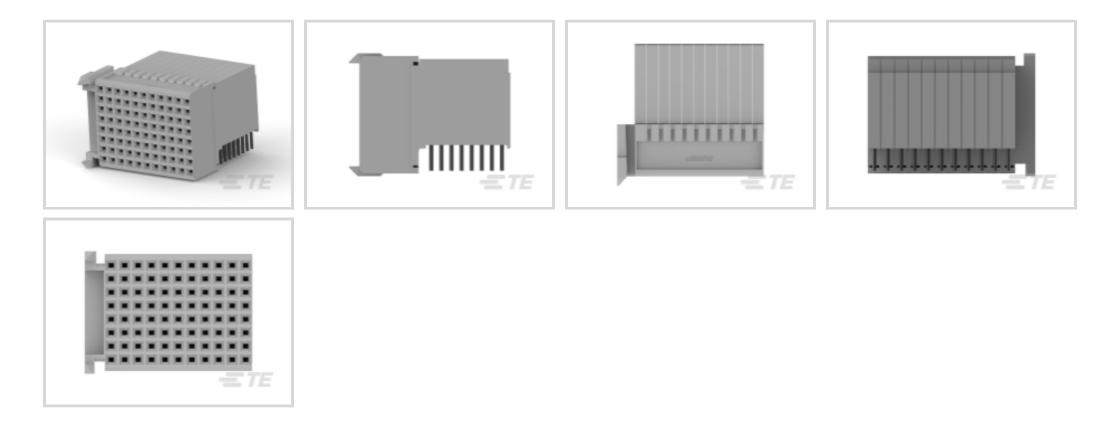
Z-PACK | Z-PACK 2mm HM

TE Internal #: 5646446-1 Hard Metric Backplane PCB Mount Receptacle, ≤1 Gb/s, 11 Column, 8 Row, Mezzanine, 88 Position, 2 mm [.078 in] Centerline, Right Angle, Z-PACK 2mm HM

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

HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm



PCB Connector Type: PCB Mount Receptacle

Data Rate: **≤1 Gb/s**

Number of Columns: 11

Number of Rows: 8

Backplane Architecture: Mezzanine

All HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm (48)



Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board		
Backplane Interface Type	2mm HM		
Connector System	Board-to-Board		
PCB Connector Type	PCB Mount Receptacle		
Sealable	No		
Configuration Features			
Rows Loaded	A, B, C, D, E, F, G, H		
Number of Signal Positions	88		
Number of Columns	11		
Number of Rows	8		
Backplane Architecture	Mezzanine		
Number of Positions	88		

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PCB Mount Orientation	Right Angle					
Signal Characteristics						
Crosstalk Version	Standard					
Data Rate	≤1 Gb/s					
Body Features						
Primary Product Color	Gray					
Contact Features						
Contact Underplating Material	Nickel					
Contact Base Material	Phosphor Bronze					
CompactPCI Designation	None					
PCB Contact Termination Area Plating Material	Tin					
Feedthrough Post Length	3.3 mm					
Contact Type	Socket					
Contact Mating Area Plating Material	Performance Based					
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]					
Contact Current Rating (Max)	1.5 A					

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Mechanical Attachment	
Connector Mounting Type	Board Mount
Mating Alignment Type	Multi-Purpose Center
Housing Features	
Housing Material	Polyester GF
Centerline (Pitch)	2 mm[.078 in]
Dimensions	
Backplane Module Length	25 mm
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Shielded	No
Circuit Application	Signal

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Industry Standards UL Flammability Rating UL 94V-0 Packaging Features Packaging Quantity 20 Packaging Method Box **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 No Restricted Materials Above Threshold China RoHS 2 Directive MIIT Order No 32, 2016 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

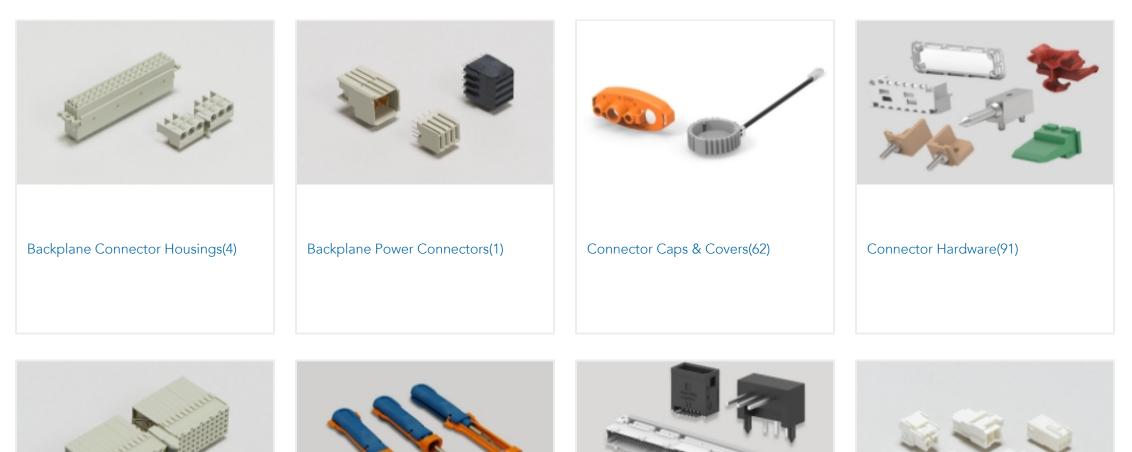
Compatible Parts

Hard Metric Backplane PCB Mount Receptacle, ≤1 Gb/s, 11 Column, 8 Row, Mezzanine, 88 Position, 2 mm [.078 in] Centerline, Right Angle, Z-PACK 2mm HM



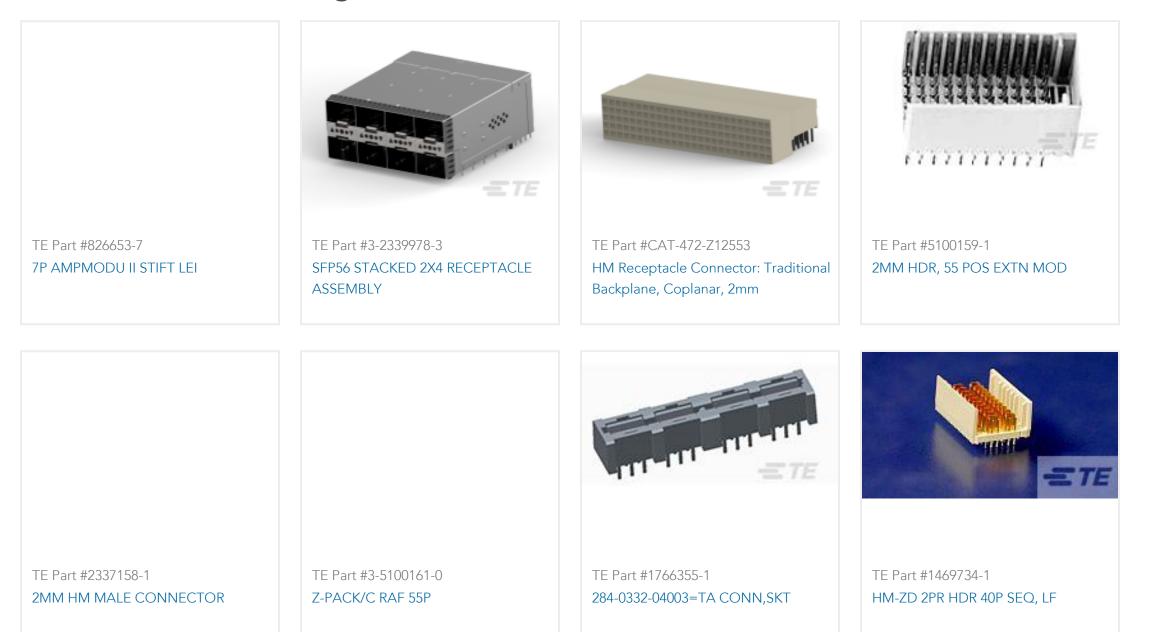


Also in the Series | Z-PACK 2mm HM



Hard Metric Backplane Connectors	Insertion & Extraction Tools(2)	PCB Headers & Receptacles(46)	Rectangular Power Connectors(46)	
(266)				

Customers Also Bought



Hard Metric Backplane PCB Mount Receptacle, ≤1 Gb/s, 11 Column, 8 Row, Mezzanine, 88 Position, 2 mm [.078 in] Centerline, Right Angle, Z-PACK 2mm HM



TE Part #3-2340033-5 SFP56 STACKED 2X8 RECEPTACLE ASSEMBLY

Documents

Product Drawings 2MM HM,ASY,T-F,REC,TWIST TULIP

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5646446-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5646446-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5646446-1_A.3d_stp.zip

English

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Product Specifications Application Specification

English