



Z-PACK | Z-PACK 2mm HM

TE Internal #: 3-5646547-0

Hard Metric Backplane PCB Mount Receptacle, ≤1 Gb/s, 25

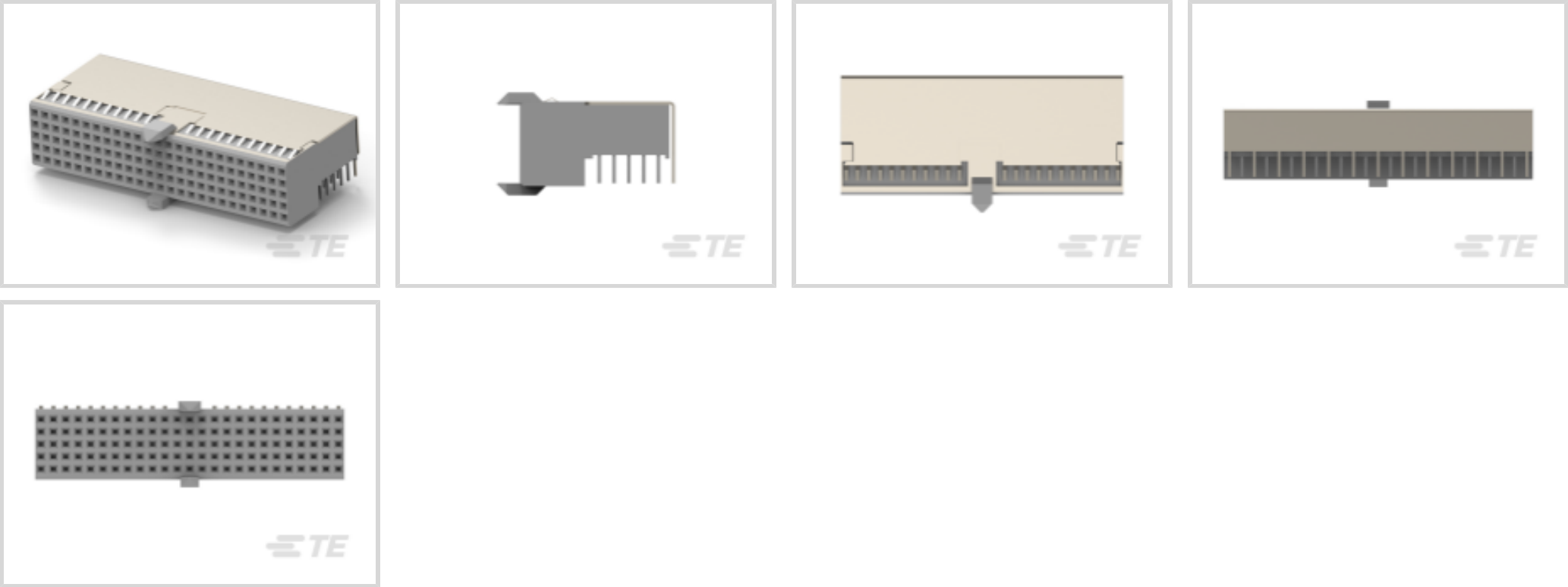
Column, 5 Row, Traditional Backplane, 125 Position, 2 mm [.078 in]

Centerline, Z-PACK 2mm HM

[View on TE.com >](#)

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

Hard Metric Backplane Receptacle Connector: Mezzanine, 2mm



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

Data Rate: **≤1 Gb/s**

Number of Columns: **25**

Number of Rows: **5**

Backplane Architecture: **Traditional Backplane**

[All Hard Metric Backplane Receptacle Connector: Mezzanine, 2mm \(27\)](#)

Features

Mechanical Attachment

Connector Mounting Type	Board Mount
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Contact Features

CompactPCI Designation	None
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]

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	25
Number of Rows	5
Backplane Architecture	Traditional Backplane
Number of Positions	125
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Gray
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Housing Features

Centerline (Pitch)	2 mm[.078 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Tube
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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 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

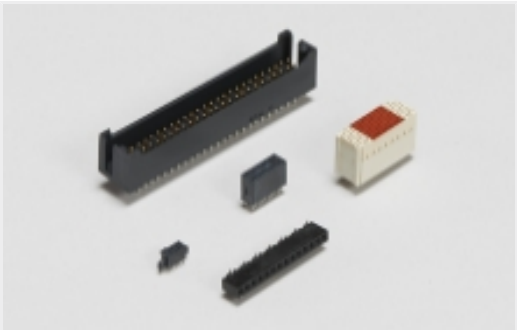


TE Part # 3-2170154-0
MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B




TE Part # 3-5646529-0
Z-PACK 2MM HM TYPE A/B 169P

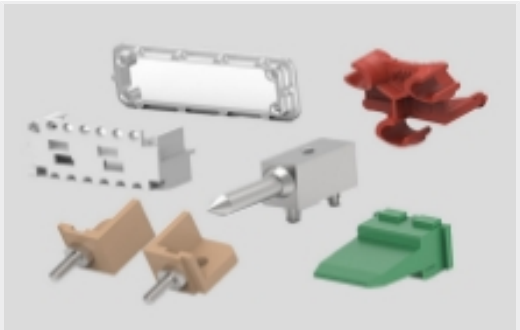
Also in the Series | Z-PACK 2mm HM



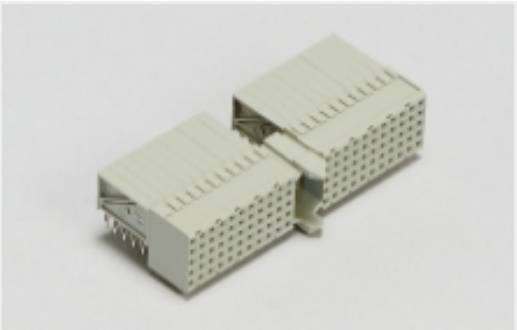
Board-to-Board Headers & Receptacles(46)



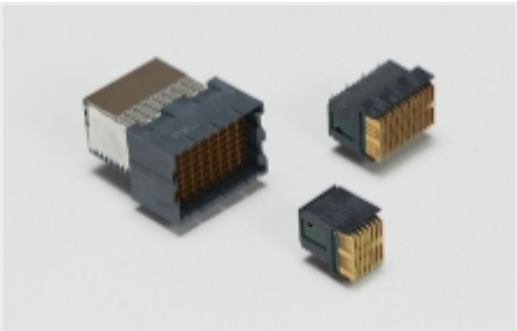
Connector Contacts(2)




Connector Hardware(91)



Hard Metric Backplane Connectors (267)



High Speed Backplane Connectors(1)



Power Contacts(2)

Customers Also Bought



TE Part #5499160-4
[A/L UNIV HDR 20P VERT SHT LAT](#)



TE Part #55936-2
[PIDG R 22-16 COMM 22-18MIL 1/4](#)



TE Part #102203-2
[05 MODII HDR SRRA SHRD .100CL](#)




TE Part #530341-4
[BOX PIN HEADER KIT](#)



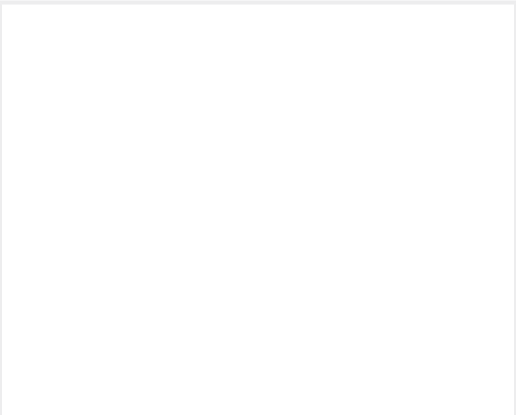
TE Part #650949-5
[120 EURO TYPE C PIN ST ASSY](#)



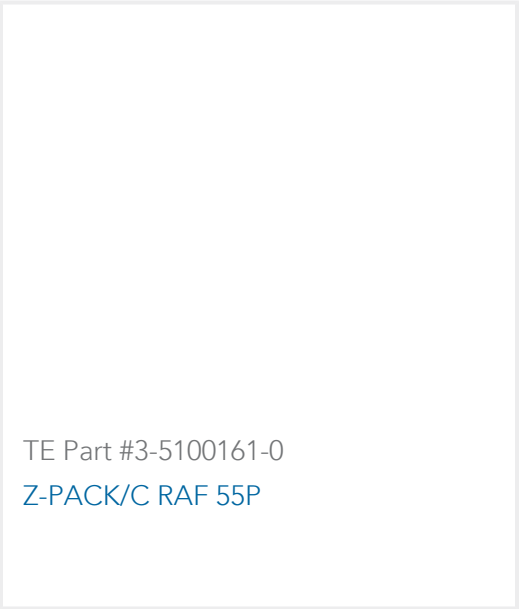
TE Part #1-87146-4
[40 MODIV HSG COMP DR .150CL](#)



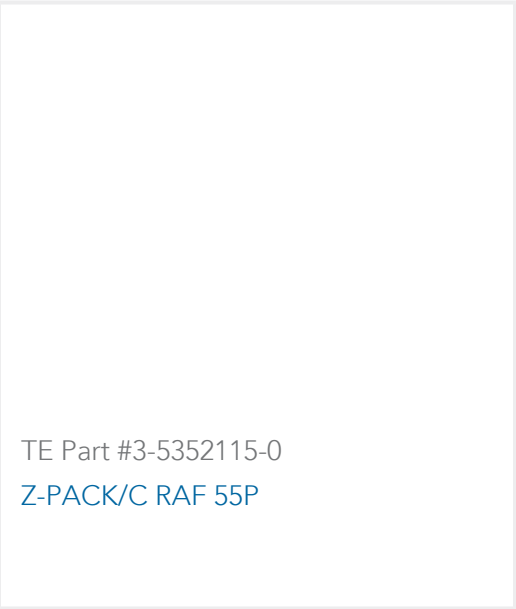
TE Part #448821-1
[KIT,TWINAX BOARD MOUNT 4 POS](#)



TE Part #1-1617031-2
[HFW1201K148 = HFW 1/2 SIZE REL](#)



TE Part #3-5100161-0
[Z-PACK/C RAF 55P](#)



TE Part #3-5352115-0
[Z-PACK/C RAF 55P](#)

Documents

Product Drawings
[Z-PACK A-B 25 COLUMN SHLD ASSY](#)
English

CAD Files
[3D PDF](#)
3D
Customer View Model
[ENG_CVM_CVM_3-5646547-0_A.2d_dxf.zip](#)
English
Customer View Model
[ENG_CVM_CVM_3-5646547-0_A.3d_igs.zip](#)
English
Customer View Model
[ENG_CVM_CVM_3-5646547-0_A.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