



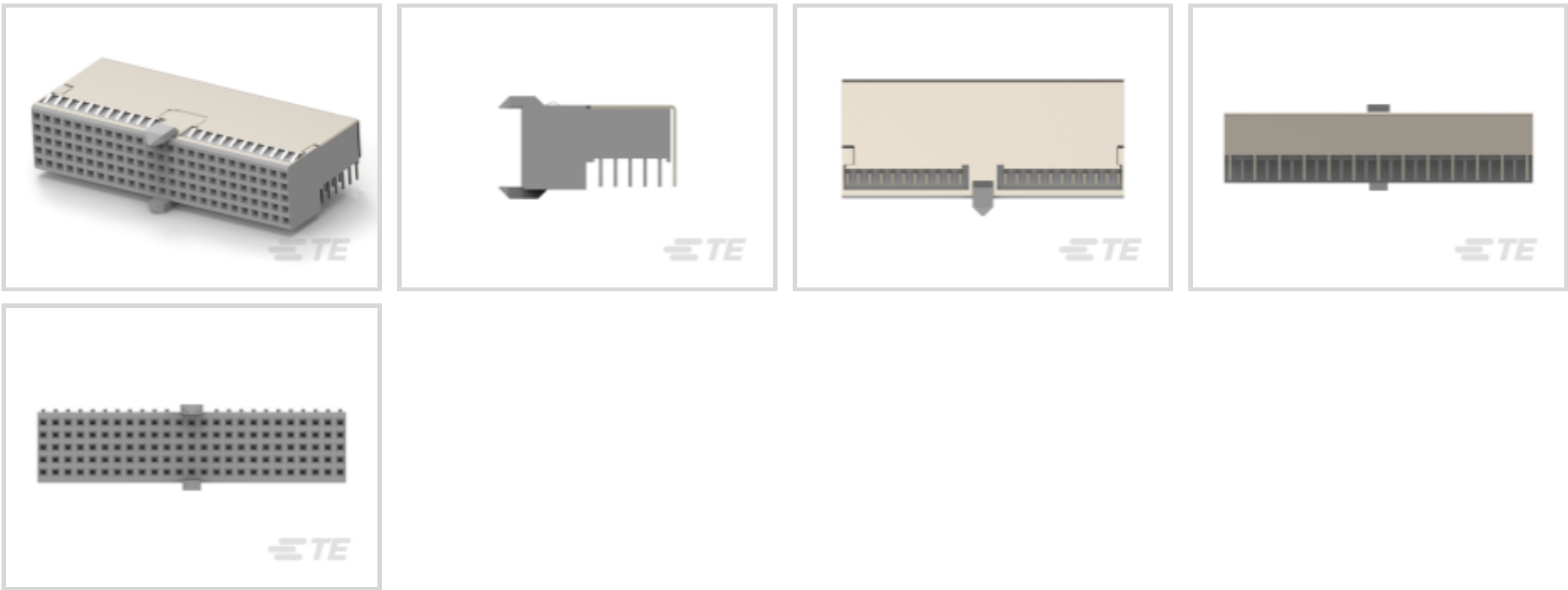
Z-PACK | Z-PACK 2mm HM

TE Internal #: 3-5646547-0
Hard Metric Backplane Connectors, PCB Mount Receptacle, ≤1 Gb/s, 25 Column, 5 Row, Traditional Backplane, 125 Position, Z-PACK 2mm HM

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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

Product Type Features

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

Configuration Features

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

Signal Characteristics

Data Rate	≤1 Gb/s
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Body Features

Primary Product Color	Gray
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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]

Mechanical Attachment

Connector Mounting Type	Board Mount
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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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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

Backplane Coding Keys(60)	Backplane Connector Housings(4)	Backplane Guide Hardware(37)	Backplane Power Connectors(6)
Board-to-Board Connector Contacts(2)	Hard Metric Backplane Connectors (269)	High Speed Backplane Connectors(1)	Insertion & Extraction Tools(2)



PCB Connector Covers(4)

PCB Connector Shrouds(39)

PCB Ferrules & Shields(19)

Rectangular Power Connectors(87)

Customers Also Bought

TE Part #650949-5
120 EURO TYPE C PIN ST ASSY

TE Part #530341-4
BOX PIN HEADER KIT

TE Part #1996504-1
A600R,SZ1,BLANK/60spl/5C2
03024519-0004

TE Part #448821-1
KIT,TWINAX BOARD MOUNT 4 POS

TE Part #5532434-9
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR

TE Part #2-1617090-7
LS-7105 = LS RELAY

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

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[Product Specifications](#)

[Application Specification](#)

English