3-5646547-0 ✔ ACTIVE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 3-5646547-0

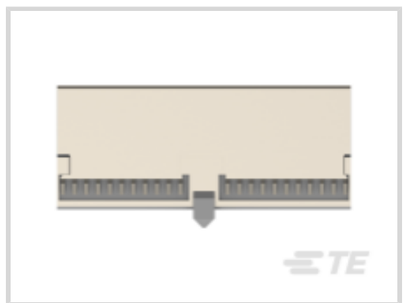
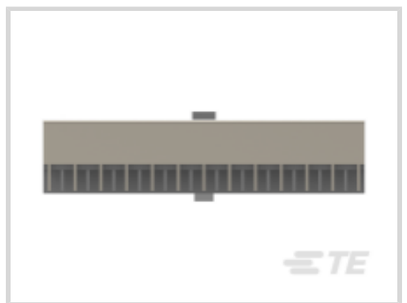
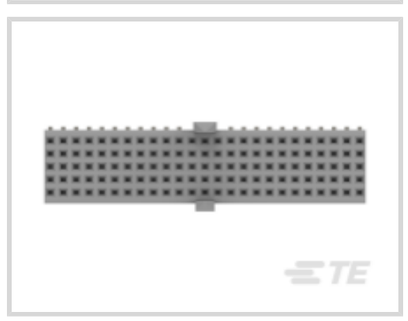
Hard Metric Backplane Connectors, PCB Mount Receptacle, ≤1 Gb/s, 25 Column, 5 Row, Traditional Backplane, 125 Position, Z-PACK 2mm HM

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

Product Type Features

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

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

Body Features

Primary Product Color	Gray

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

Housing Features

Centerline (Pitch)	2 mm[.078 in]

Usage Conditions

Operating Temperature Range	-55 - 125 °C[-67 - 257 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Tube

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

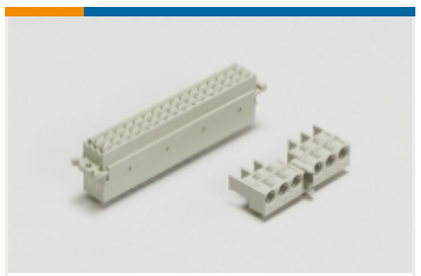
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

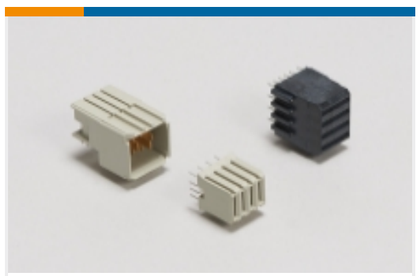
TE Part # 3-2170154-0
MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B

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

Also in the Series | Z-PACK 2mm HM



Backplane Connector Housings(4)



Backplane Power Connectors(6)



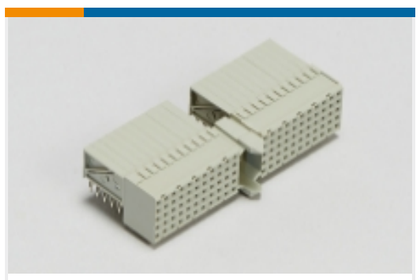
Connector Caps & Covers(62)



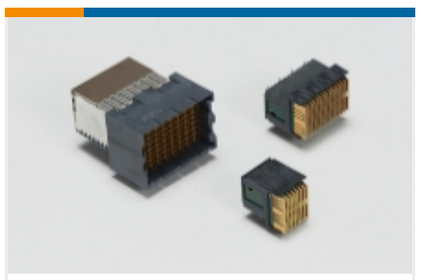
Connector Contacts(2)



Connector Hardware(97)



Hard Metric Backplane Connectors (267)



High Speed Backplane Connectors(1)

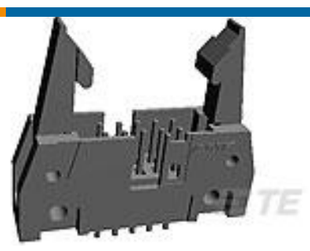


Insertion & Extraction Tools(2)



Rectangular Power Connectors(87)

Customers Also Bought



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



TE Part # 532430-9
HDI PIN ASSY 2 ROW 100 POS



TE Part # 5-1617540-2
J1MACD-18XM=M39016/23-029M

TE Part # 499376-9
040 UNIV HDR RA 4S 30DP STD L2

TE Part # 2157235-1
ARINC RCPT,Sz2,150/150/34,CHRO

TE Part # 3-5352069-0
Z-PACK/B25 RAF 125P

TE Part # 3-5646346-0
2MM HM,ASY,T-D,HDR,8R,176P,AP

TE Part # 3-5646457-0
2MM HM,ASY,T-F,PIN,088 POS

TE Part # 3-5646729-0
2MM HM,ASY,T-D/E,HDR,8R,200,AP

TE Part # 1-1617819-1
FCAC-325-102=RELAY

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 Conditionsof use.

Product Specifications

Application Specification

English