3-100141-0 ✔ ACTIVE

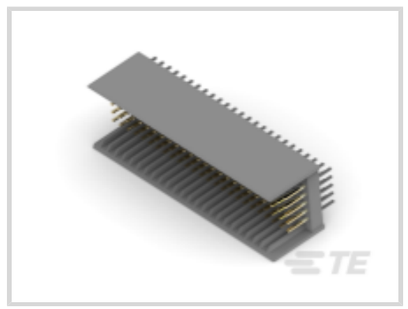
Z-PACK | Z-PACK 2mm HM

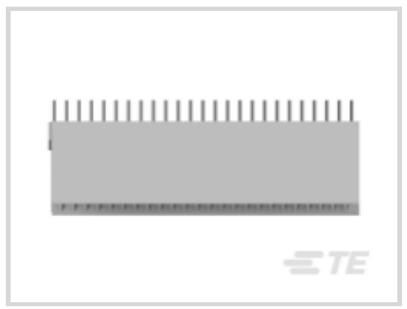
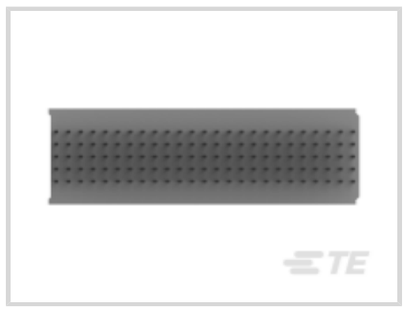
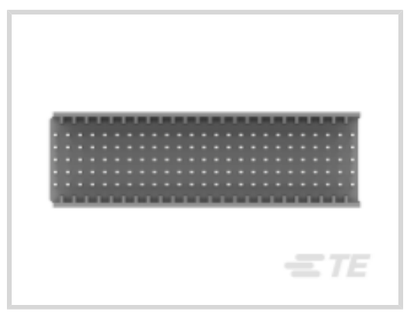
TE Internal #: 3-100141-0

Hard Metric Backplane PCB Mount Header, 1 Gb/s, 25 Column, 5 Row, Traditional Backplane, 125 Position, 2 mm [.07 in] Centerline, Z-PACK 2mm HM

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Hard Metric Backplane Connectors > Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm



PCB Connector Type: **PCB Mount Header**

Data Rate: **1 Gb/s**

Number of Columns: **25**

Number of Rows: **5**

Backplane Architecture: **Traditional Backplane**

All Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm (123)

Features

Product Type Features

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

Configuration Features

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

Signal Characteristics

Data Rate	1 Gb/s

Body Features

Primary Product Color	Gray

Contact Features

CompactPCI Designation	None
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	1.5 A

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2 mm[.07 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

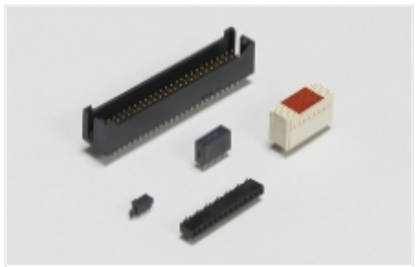
Solder Process Capability

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

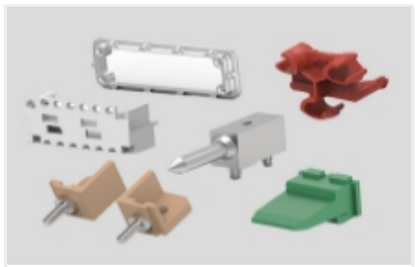
Also in the Series | Z-PACK 2mm HM



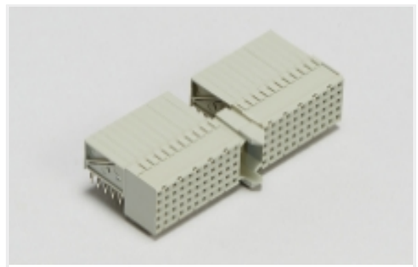
Board-to-Board Headers & Receptacles(46)



Connector Contacts(1)



Connector Hardware(91)



Hard Metric Backplane Connectors (264)

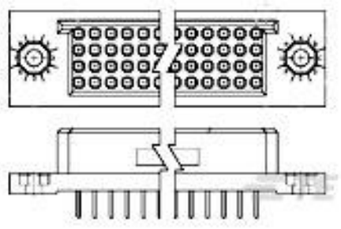


Power Contacts(1)

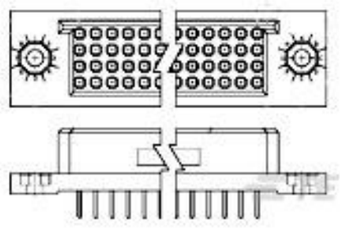


Rectangular Power Connectors(46)

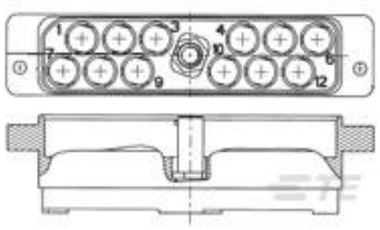
Customers Also Bought



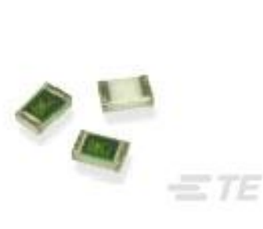
TE Part #533285-9
BOX II 4 ROW RECP ASSY 240 POS



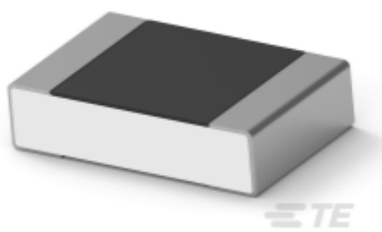
TE Part #533492-1
BOX II 4 ROW RECP ASSY 160 POS



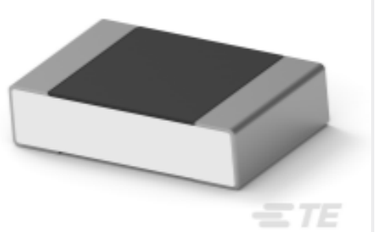
TE Part #1604798-2
ASY,RCPT,PWB MT,12 POS



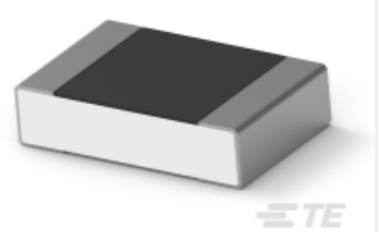
TE Part #8-1879133-2
RN 0603 6K19 0.1% 10PPM 1K RL



TE Part #2176375-7
RQ 0805 1K33 0.1% 10PPM 1K RL



TE Part #2-2176376-1
RQ 0805 20K 0.1% 10PPM 1K RL



TE Part #7-2176381-9
RQ 0805 80K6 0.1% 10PPM 5K RL

TE Part #090758-000
SO63-2-55-24-5CS2396

TE Part #3-100145-0
Z-PACK/B F-HDR.125P

TE Part #3-100147-0
Z-PACK/A F-HDR.110P

Documents

Product Drawings

Z-PACK/B MALE HDR 125P, 2MM HM

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-100141-0_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-100141-0_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-100141-0_F.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English