

5352152-4 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 5352152-4

Hard Metric Backplane PCB Mount Receptacle, ≤1 Gb/s, 22

Column, 5 Row, Mezzanine, 110 Position, 2 mm [.078 in] Centerline,

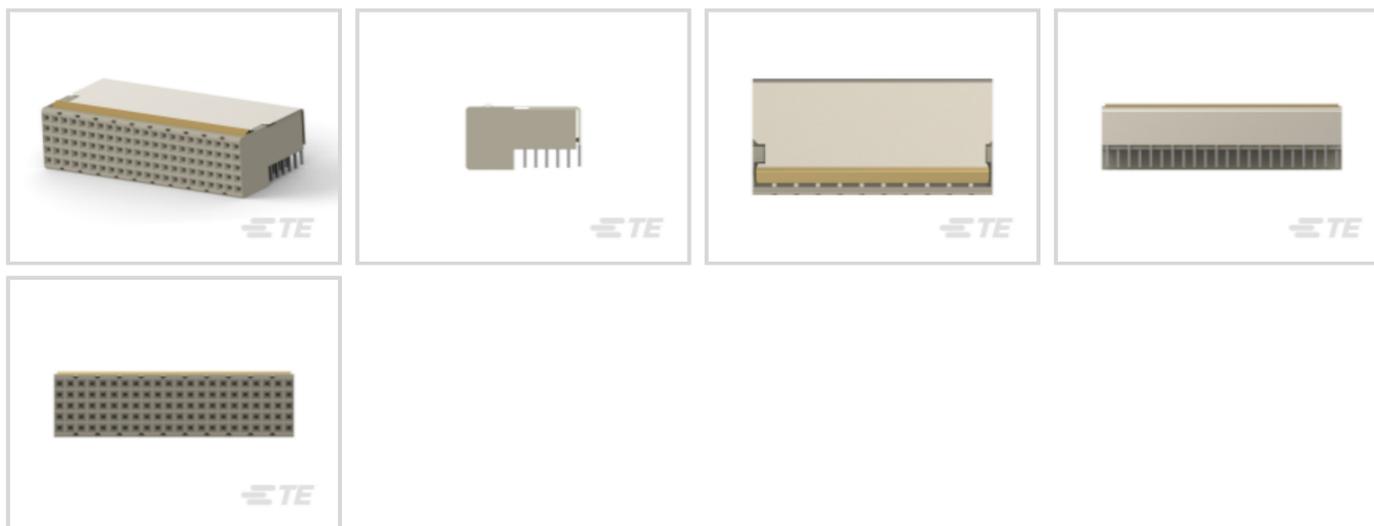
Right Angle, Z-PACK 2mm HM

[View on TE.com >](#)



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: **22**

Number of Rows: **5**

Backplane Architecture: **Mezzanine**

[All HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm \(48\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Ground Feature Type	Ground Return Shielding
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
Mating & Unmating Configuration	Make First / Break Last
Number of Signal Positions	110
Number of Columns	22
Number of Rows	5



Backplane Architecture	Mezzanine
Number of Positions	110
PCB Mount Orientation	Right Angle

Signal Characteristics

Crosstalk Version	Standard
Data Rate	≤1 Gb/s

Body Features

Primary Product Color	Gray
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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	Gold (Au)
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Current Rating (Max)	1.5 A

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2 mm[.078 in]

Dimensions

Backplane Module Length	44 mm
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Usage Conditions

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

Shielded	Yes
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	11
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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





Also in the Series | Z-PACK 2mm HM



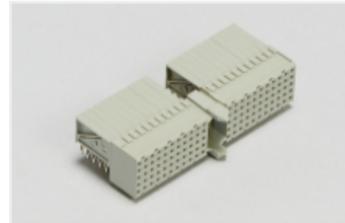
Board-to-Board Headers & Receptacles(46)



Connector Contacts(1)



Connector Hardware(91)



Hard Metric Backplane Connectors (264)

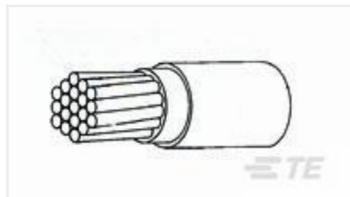


Power Contacts(1)

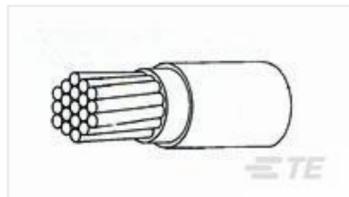


Rectangular Power Connectors(46)

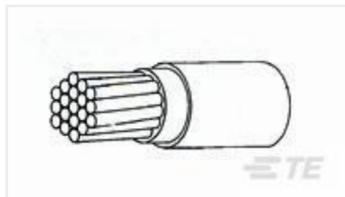
Customers Also Bought



TE Part #2820103008
44A0111-18-0



TE Part #2820493017
44A0111-24-9



TE Part #2820403012
44A0111-24-0



TE Part #5-103735-2
03 MTE HDR SRST LATCH .100CL



TE Part #1-770166-1
02P MINI UMNL ASSY VO SNAU LF



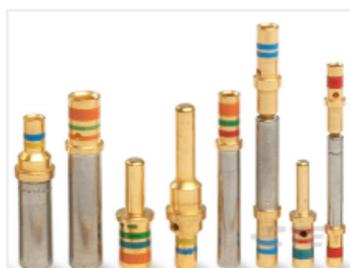
TE Part #1-1462038-7
IM07NS=IM RELAY 200mW 24V



TE Part #3-1827253-6
.5FHP05H,220,S,GIG,08/Sn,HT,NSYes



TE Part #5188835-1
Z-PACK/B M-HDR 154P.



TE Part #38943-12L
CONT SOC ASSY



TE Part #1878661-8
OCC306RD



Documents

Product Drawings

[Z-PACK/B22 RAF 110P](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5352152-4_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5352152-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5352152-4_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English