



Z-PACK | Z-PACK 2mm HM

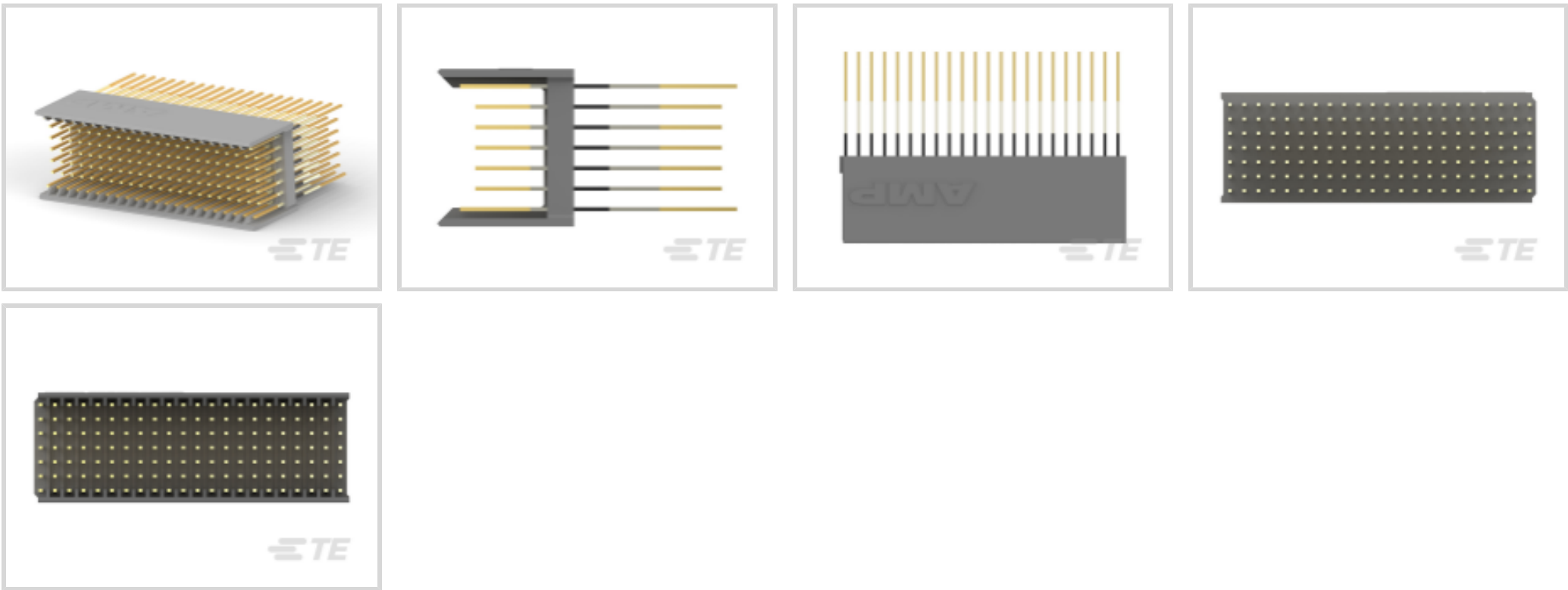
TE Internal #: 5352128-1

PCB Mount Header, ≤1 Gb/s, 22 Column, 7 Row, Mezzanine, 154 Position, 2 mm [.078 in] Centerline, Z-PACK 2mm HM, Hard Metric Backplane Connectors

[View on TE.com >](#)

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

Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
PCB Connector Assembly Type: **PCB Mount Header**
Data Rate: **≤1 Gb/s**
Number of Columns: **22**

[All Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm \(124\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Backplane Interface Type	2mm HM
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Header
Sealable	No

Configuration Features

Rows Loaded	Z, B, C, D, E, F, A
Mating & Unmating Configuration	Make First / Break Last
Number of Signal Positions	110



Number of Columns	22
Number of Rows	7
Backplane Architecture	Mezzanine
Number of Positions	154
PCB Mount Orientation	Vertical

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	P2/P5
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Mating Area Plating Material	Gold
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
Mating Alignment Type	Multi-Purpose Center
Front Mating Level	Level 1

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

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Shielded	No
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	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 applicable for solder process capability

Product Compliance Disclaimer

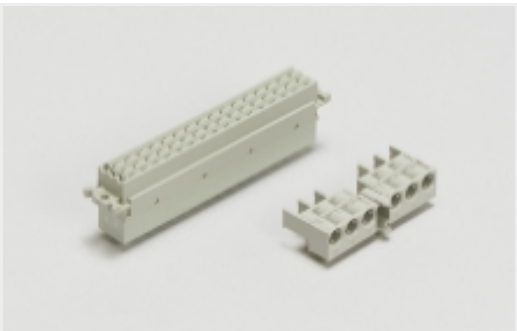
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

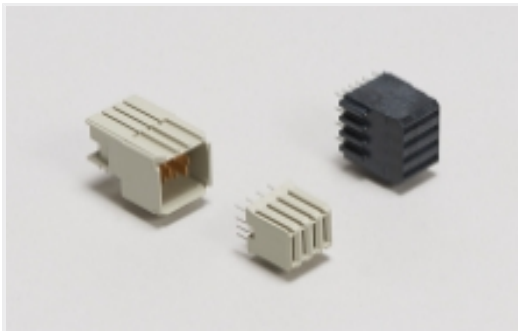


TE Part # 5352152-1
Z-PACK/B22 RAF 110P

Also in the Series | Z-PACK 2mm HM



Backplane Connector Housings(4)



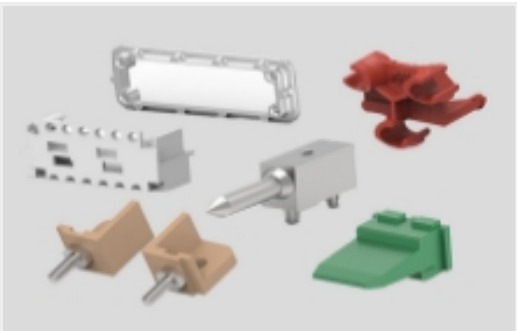
Backplane Power Connectors(1)



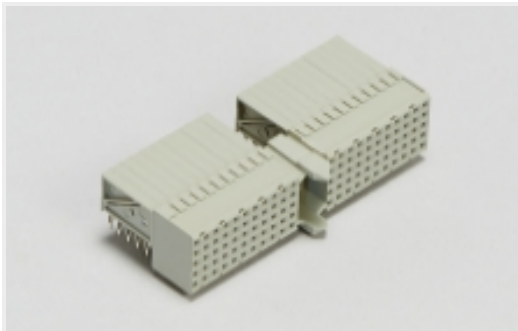
Connector Caps & Covers(62)



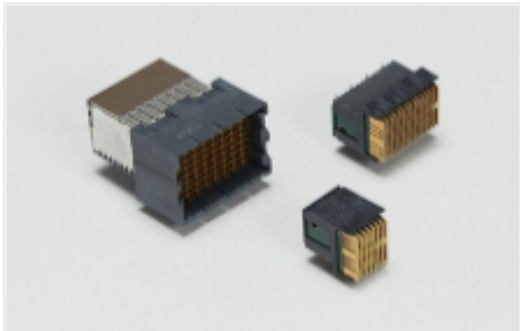
Connector Contacts(2)



Connector Hardware(91)



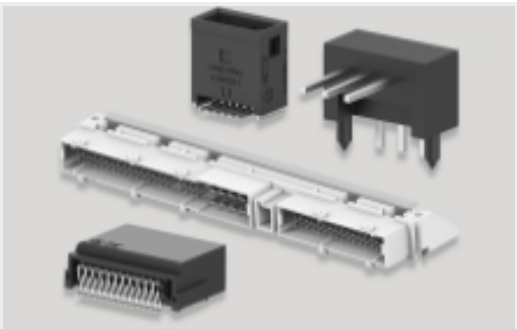
Hard Metric Backplane Connectors
(267)



High Speed Backplane Connectors(1)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(46)

Customers Also Bought



TE Part #205560-2
AMPLIMITE,ASY,PLUG,STD,109,3



TE Part #204514-2
RECEPT ASSY,26 POSN,AMPLIMITE



TE Part #204516-2
RECEPT ASSY,SZ 3,AMPLIMITE



TE Part #5557969-1
MJ,TE,8P/8C,SHLD,PNL STOPS&G



TE Part #350714-4
15P UMNL PIN HDR ASSY 94VO LF

TE Part #5747877-3
FEMALE SCREWLOCK ZINC CLEAR

TE Part #2328702-6
6PIN 0.5MMP FPC CONNECTOR,
BACK FLIP LOCK

TE Part #T4144035081-000
M12 RA PCB CONN. Male 8P SHIELD

TE Part #YDTS20F17-35PNV001
RECP ASSY

TE Part #YDTS20F19-35PNV001
RECP ASSY

Documents

Product Drawings

Z-PACK T-B MALE HEADER 154P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5352128-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_5352128-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5352128-1_A.3d_stp.zip

English

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Product Specifications

Application Specification

English