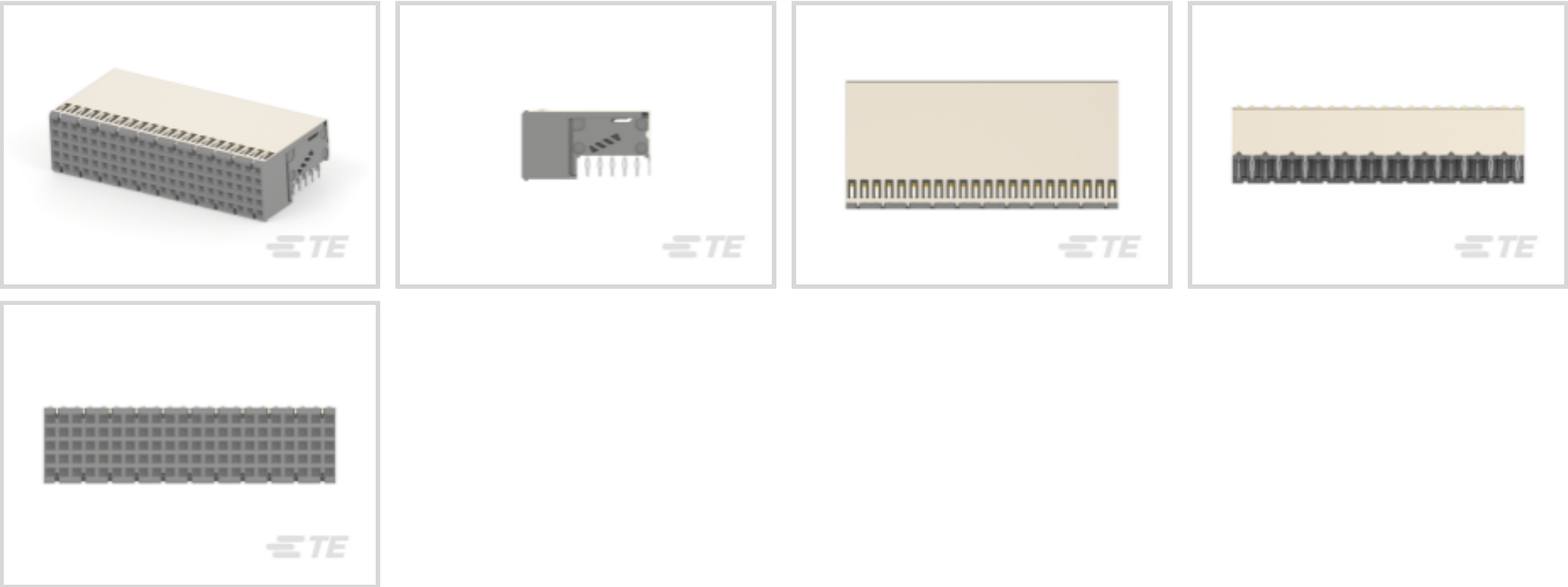




Connectors > PCB Connectors > Backplane Connectors > Hard Metric Backplane Connectors



PCB Connector Type: **PCB Mount Receptacle**

Data Rate: **≤1 Gb/s**

Number of Columns: **22**

Number of Rows: **5**

Backplane Architecture: **Mezzanine**

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
Contact Features	
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
CompactPCI Designation	J2/J5
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Feedthrough Post Length	3.3 mm[.13 in]
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
Termination Features	
Termination Method to PCB	Through Hole - Press-Fit
Mechanical Attachment	
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Polyester GF
Centerline (Pitch)	2 mm[.078 in]
Dimensions	
Connector Length	44 mm[1.732 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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	Tray

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	Not Yet Reviewed
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: 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 # 5352152-1
Z-PACK/B22 RAF 110P

TE Part # 2391879-1
Z-PACK/B M-HDR 154P EON



Also in the Series

Z-PACK 2mm HM

Backplane Connector Housings(4)	Backplane Power Connectors(1)	Connector Caps & Covers(61)	Connector Contacts(1)
Hard Metric Backplane Connectors (273)	Insertion & Extraction Tools(1)	PCB Headers & Receptacles(46)	Power Contacts(1)
Rectangular Power Connectors(46)			

Customers Also Bought

TE Part #CX6566-000 BND-0812S	TE Part #775210-000 S01-03-R	TE Part #892144-000 222K142-25/225-0	TE Part #1218125-1 AMPLIMITE,ASY,PLUG,LOW PROF, 109,1
TE Part #1218125-3 25 POS,ASSY,PLUG,LOW PROF,109	TE Part #5188399-1 TYPE A, FIXED BOARD M /CONNECTOR	TE Part #5207719-2 FEMALE SCREWLOCK KIT,BULK PKG	TE Part #5352132-1 Z-PACK/B MALE HDR 110P



Documents

Product Drawings

Z-PACK/B22 RAF 110P EON

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2392846-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2392846-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2392846-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English