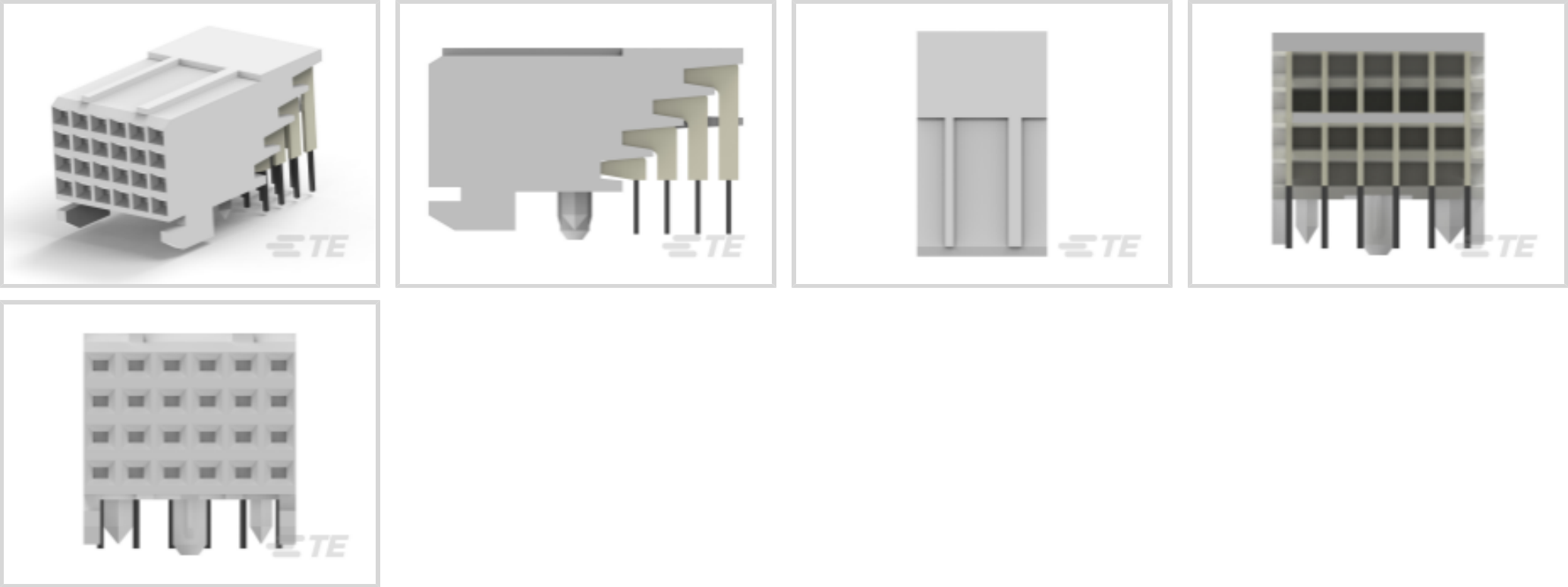




Connectors > PCB Connectors > Backplane Connectors > Hard Metric Backplane Connectors >

Hard Metric Backplane Receptacle Connector: Mezzanine, 2mm



PCB Connector Type: PCB Mount Receptacle

Data Rate: ≤1 Gb/s

Number of Columns: 6

Number of Rows: 4

Backplane Architecture: Traditional Backplane

[All Hard Metric Backplane Receptacle Connector: Mezzanine, 2mm \(27\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Receptacle
Sealable	Yes

Configuration Features

Number of Columns	6
Number of Rows	4
Backplane Architecture	Traditional Backplane
Number of Positions	24
PCB Mount Orientation	Right Angle

Signal Characteristics

Data Rate	≤1 Gb/s
-----------	---------



Body Features

Primary Product Color	Gray
-----------------------	------

Contact Features

CompactPCI Designation	None
	2 – 5 µin
Contact Mating Area Plating Material	Gold (Au)
Contact Current Rating (Max)	1 A

Mechanical Attachment

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

Centerline (Pitch)	1.98 mm
--------------------	---------

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>

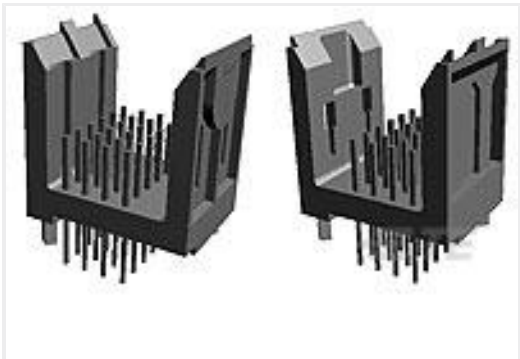
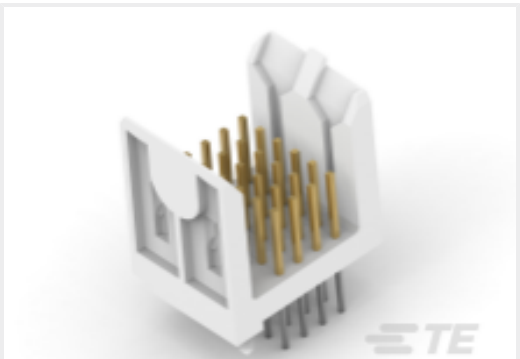
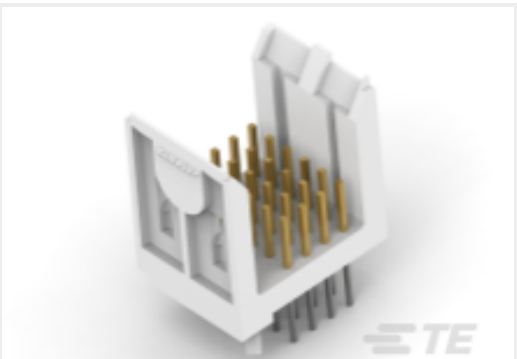
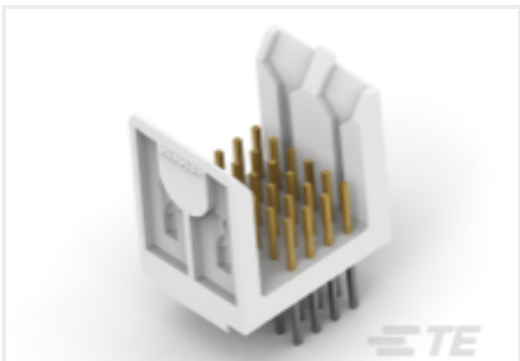
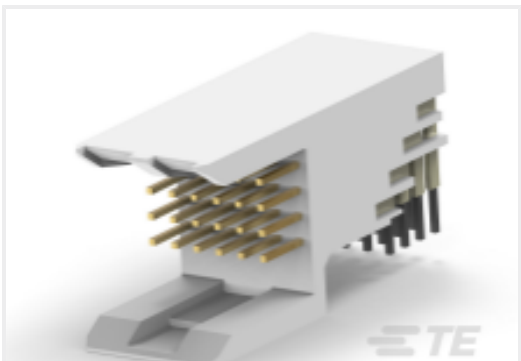
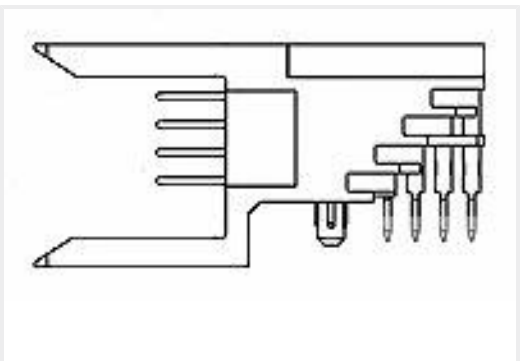
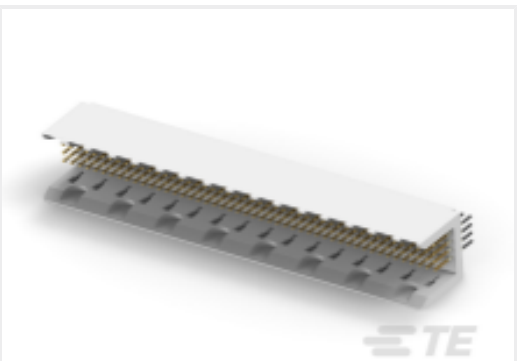
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

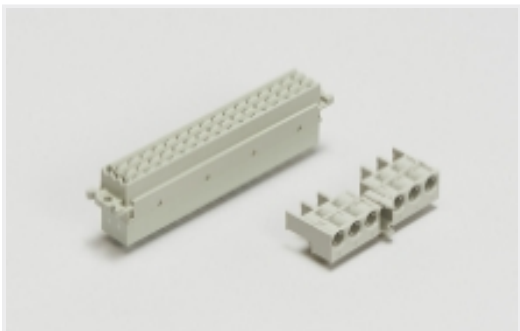
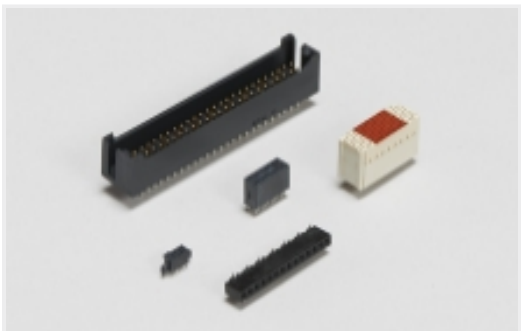
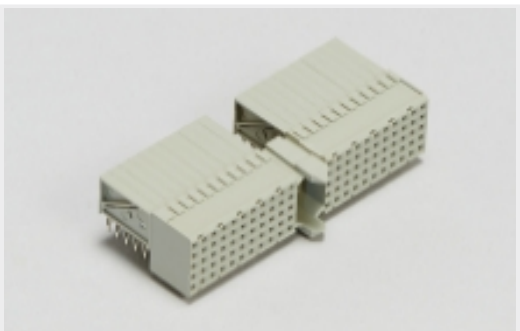
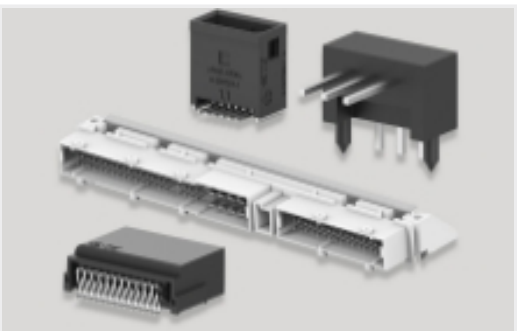


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 5536536-1 2MMFB,ASY,024,SIG,HDR,SL,3.20	 TE Part # 5536504-1 2MM FB,ASY,024,SIG,HDR,EN,6.50	 TE Part # 5536501-1 2MM FB,ASY,24,SIG,HDR,SL,4.25	 TE Part # 5536513-1 2MM FB,SIG,PIN,ASY,024,4.25
 TE Part # 5536514-1 2MMFB,ASY,024,SIG,HDR,EN,4.25	 TE Part # 5223513-1 2MMFB,IS,ASY,024,SIG,HDR,SL	 TE Part # 5223514-1 2MM FB,IS,ASY,024,SIG,HDR,SL	 TE Part # 5536504-4 2MM FB,ASY,192,SIG,HDR,EN,6.50

Also in the Series | Z-PACK Future Bus+

 Backplane Connector Housings(19)	 Board-to-Board Headers & Receptacles(14)	 Hard Metric Backplane Connectors(1)	 PCB Headers & Receptacles(14)
---	--	--	--



Rectangular Power Connectors(14)

Customers Also Bought



TE Part #9541-010C-D-C-3-S
PRESSURE I2C 0.15 PSID SO16



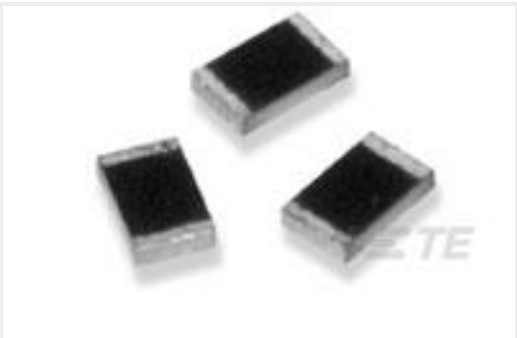
TE Part #1241152-3
3P HV100 REC. CON, SMD, GOLD, BLISTER



TE Part #4-1393224-6
RY211012



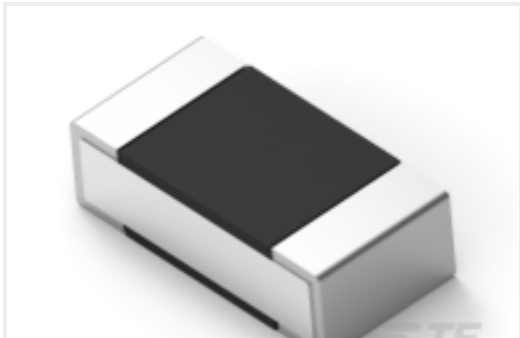
TE Part #6-1393243-1
RT424006



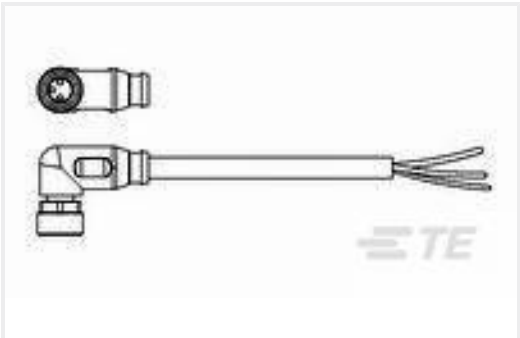
TE Part #5-1879252-9
RP 2B 7R50 0.1% 15PPM 1K RL



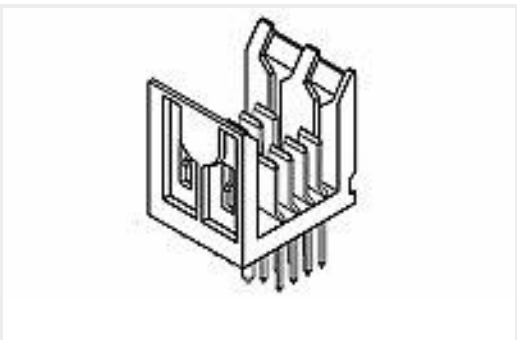
TE Part #1888251-1
Low Profile,RJ45,1x4,GRN/YEL



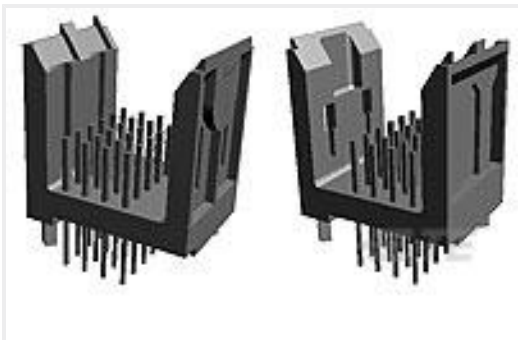
TE Part #3-2176306-3
RP 1E 0.1W 2K49 0.1% 25PPM 5K RL



TE Part #1-2273009-1
M8 x 1.0 Angled socket Pigtail



TE Part #5536603-1
2MM FB,ASY,008,PWR,HDR,EN,4.25



TE Part #5536514-1
2MMFB,ASY,024,SIG,HDR,EN,4.25

Documents

Product Drawings

2MM FB,ASY,24,SIG,REC,SL,2.73

English

CAD Files

Customer View Model

ENG_CVM_CVM_5536507-1_O.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_5536507-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5536507-1_O.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

Agency Approvals

[UL Report](#)

English