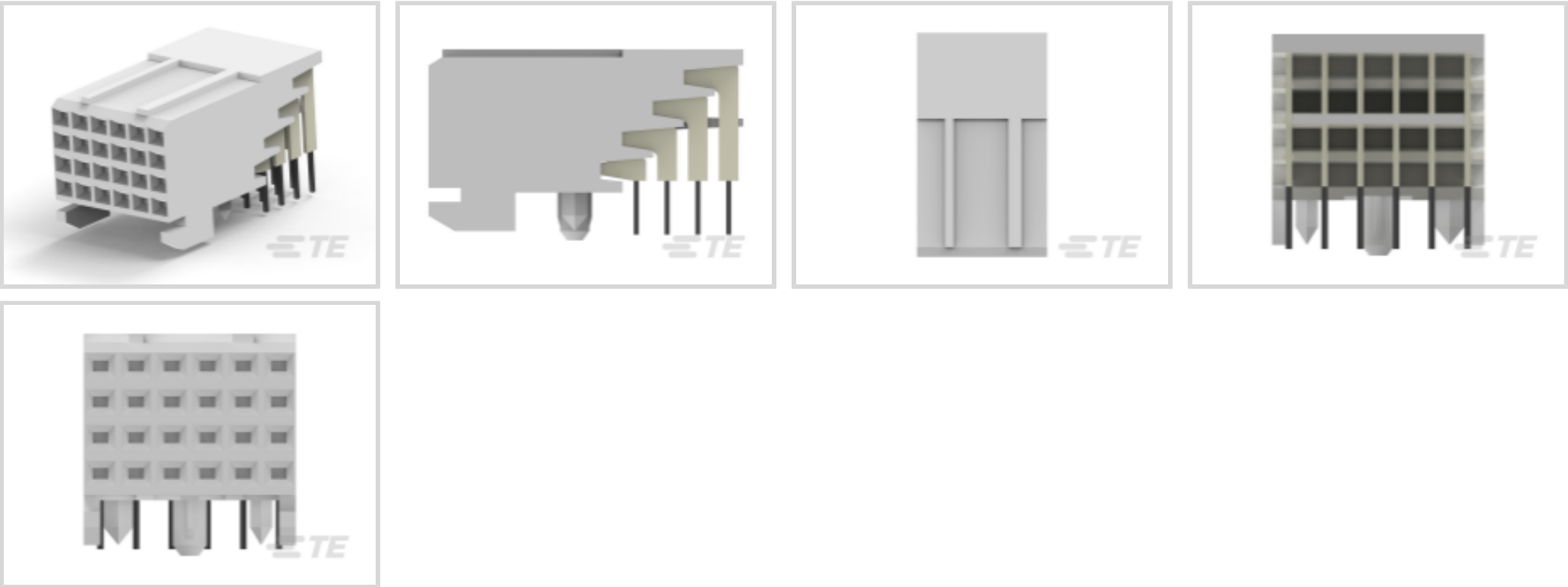




Connectors > PCB Connectors > Backplane Connectors > Hard Metric Connectors > Hard Metric Backplane Receptacle Connector: Mezzanine, 2mm



PCB Connector Assembly Type: **PCB Mount Receptacle**

Data Rate: **≤1 Gb/s**

Number of Columns: **6**

Number of Rows: **4**

Number of Pairs: **0**

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

Features

Product Type Features

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

Configuration Features

Number of Columns	6
Number of Rows	4
Number of Pairs	0
Backplane Architecture	Traditional Backplane
Number of Positions	24
PCB Mount Orientation	Right Angle

Signal Characteristics

--	--



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

Contact Features

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

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	1.98 mm
Housing Color	Gray, Gray

Usage Conditions

Operating Temperature Range	-55 – 125 °C
-----------------------------	--------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

AdvancedTCA Specified Product	No
-------------------------------	----

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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>

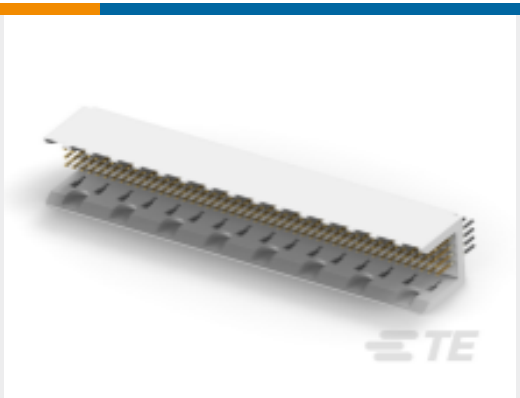
Compatible Parts



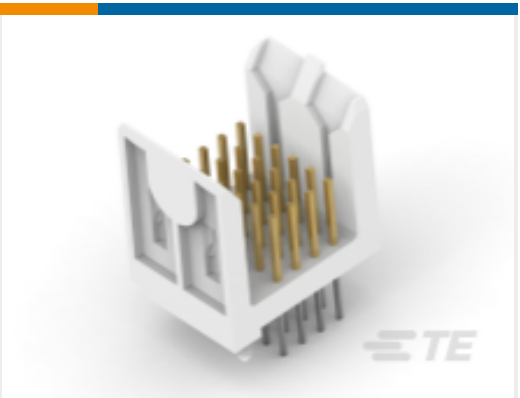
TE Part # 5223513-1
2MMFB,IS,ASY,024,SIG,HDR,SL



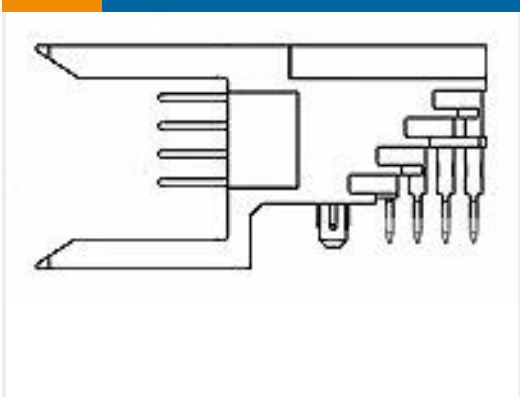
TE Part # 5536504-1
2MM FB,ASY,024,SIG,HDR,EN,6.50



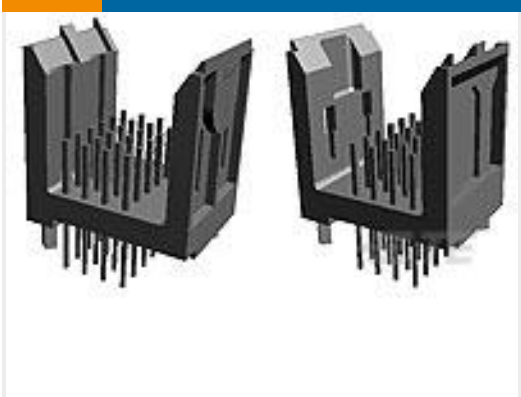
TE Part # 5536504-4
2MM FB,ASY,192,SIG,HDR,EN,6.50



TE Part # 5536501-1
2MM FB,ASY,24,SIG,HDR,SL,4.25



TE Part # 5223514-1
2MM FB,IS,ASY,024,SIG,HDR,SL



TE Part # 536501-1
2MM FB,ASY,24,SIG,HDR,SL,4.25



TE Part # 5536513-1
2MM FB,SIG,PIN,ASY,024,4.25

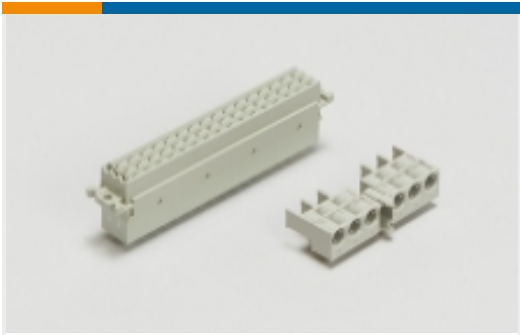


TE Part # 5536514-1
2MMFB,ASY,024,SIG,HDR,EN,4.25

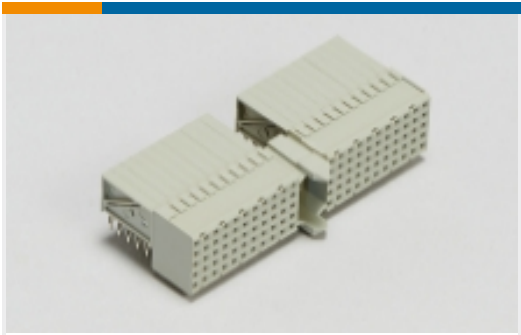


TE Part # 5536536-1
2MMFB,ASY,024,SIG,HDR,SL,3.20

Also in the Series | Z-PACK Future Bus+



Backplane Connector Housings(19)



Hard Metric Backplane Connectors(1)



Rectangular Power Connectors(35)

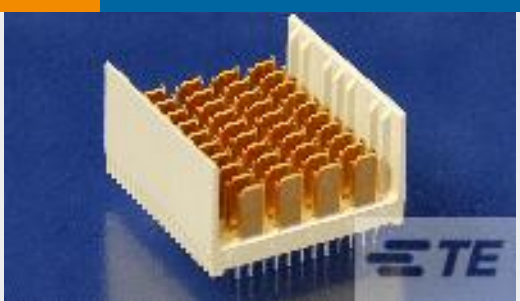
Customers Also Bought



TE Part #7-6609955-6
PE0SXD000=C4890



TE Part #5645169-3
CONN SEC II 49 POS 100C/L



TE Part #6469074-1
HM-ZD 4PR HDR ASSY 1.8MM



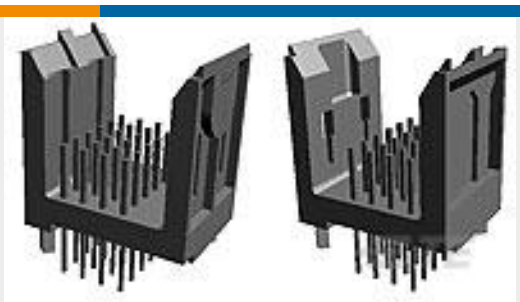
TE Part #222163-1
BUSHING INSULATING



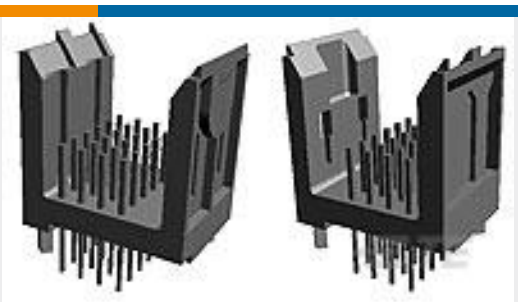
TE Part #2-1415899-8
RZH3-1A4-D012



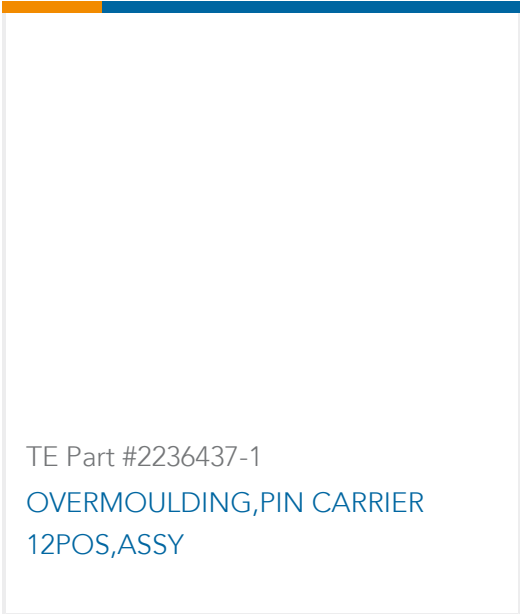
TE Part #2-1823504-1
124POS, MIXED,HEADER ASSY



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 #2236437-1
OVERMOULDING,PIN CARRIER
12POS,ASSY

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

Product Environmental Compliance

[MD_5536507-1_05312018235_dmtec](#)

English

[MD_5536507-1_05312018235_dmtec](#)

English

Agency Approvals

UL Report

English