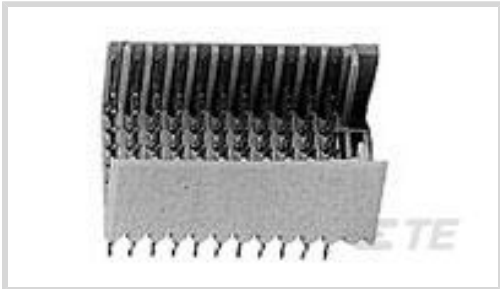




Connectors > PCB Connectors > Backplane Connectors > Hard Metric Connectors



Data Rate: **≤1 Gb/s**

Number of Columns: **11**

Number of Rows: **5**

Architecture: **Mezzanine**

Connector System: **Board-to-Board**

Features

Product Type Features

Make First / Break Last	No
Connector System	Board-to-Board
Connector Type	Connector Assembly
Connector Style	Plug
Shielded	No
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Columns	11
Number of Rows	5
Architecture	Mezzanine
Number of Positions	55
PCB Mount Orientation	Vertical

Signal Characteristics

Crosstalk Version	Standard
Data Rate	≤1 Gb/s

Contact Features

Contact Mating Area Length	3.3 mm
Feedthrough Post Length	3.7 mm



Feedthrough Post Length (Rows A-E)	3.7 mm
Grounding Contact	Without
Contact Configuration	ACTION PIN, Signal
Contact Base Material	Phosphor Bronze
Contact Type	Pin
CompactPCI Designation	None
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	.76 µm
Contact Current Rating (Max)	1.5 A

Termination Features

Termination End Plating Material	Tin-Lead over Nickel
Interface Type	2mm HM

Mechanical Attachment

Front Mating Level	Level 1
Mating Alignment Type	Polarizing Peg
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Module Length	25 mm
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Usage Conditions

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

Circuit Application	Signal
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Industry Standards

AdvancedTCA Specified Product	No
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Packaging Features

Packaging Quantity	21
Packaging Method	Tube



Product Compliance

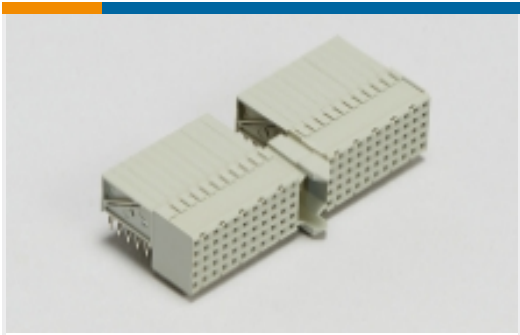
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

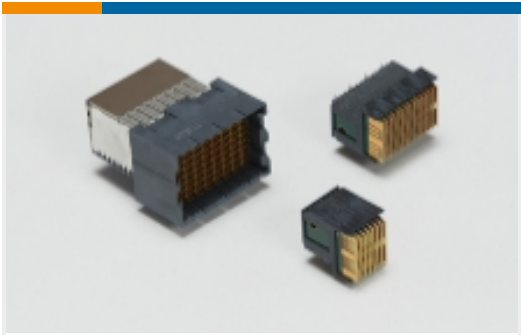
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

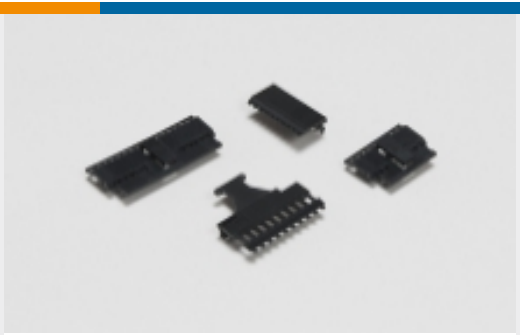
Also in the Series | Z-PACK 2mm HM



Hard Metric Backplane Connectors(257)



High Speed Backplane Connectors(8)



PCB Connector Covers(4)



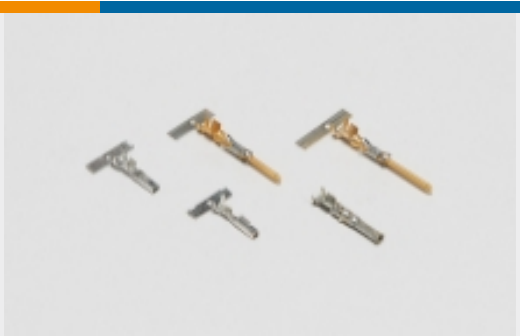
PCB Connector Shrouds (48)



PCB Ferrules & Shields(19)



PCB Latches, Locks & Retainers(1)



Power Contacts(1)

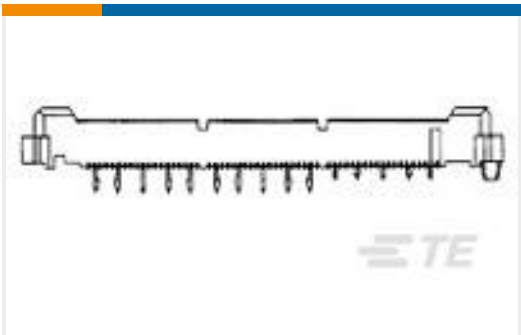


Rectangular Power Connectors(111)

Customers Also Bought



TE Part #2-1542002-2
HTS389-P=HS ASSY PPA CLIP



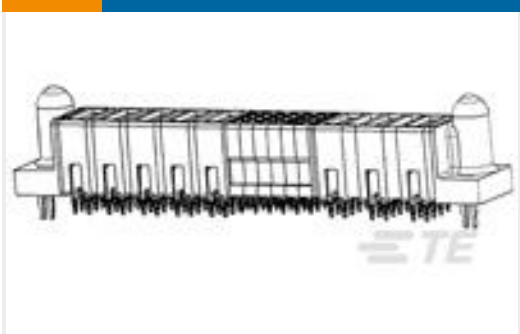
TE Part #1-5767096-2
MICT,REC,190,ASY,.025, TAPE,CAP



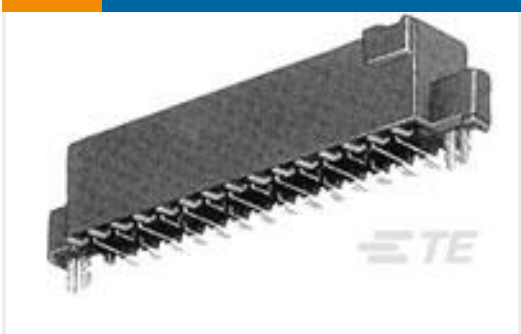
TE Part #1892200-2
MBXL R/A HDR 2P+24S+2P



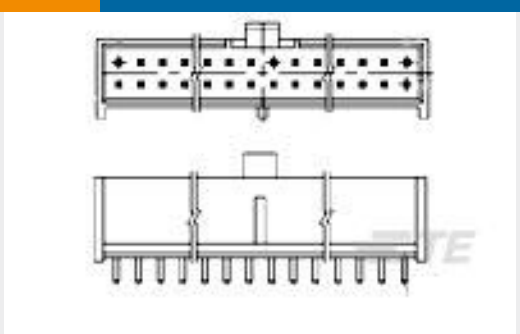
TE Part #1892200-3
MBXL R/A HDR 2P+24S+2P



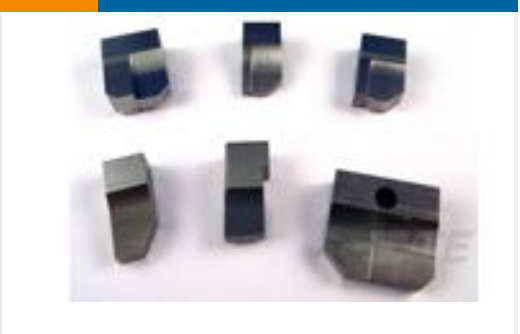
TE Part #1892550-1
MBXL R/A RCPT 2P+24S+2P



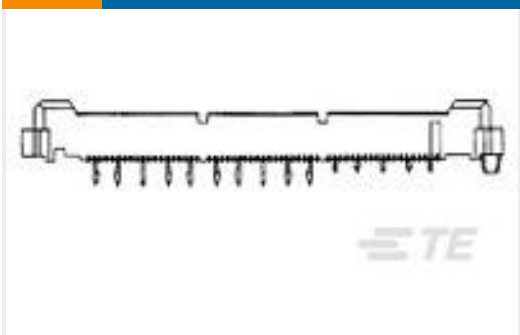
TE Part #5-147384-6
60 50/50 GRID SMT RCPT VC LF



TE Part #5-1658549-3
FPH-6022G=FLXPAC HDR P ST LF



TE Part #5-662184-4
ANVIL, COMBINATION .062



TE Part #5767096-5
MICT,REC,190,ASY,.025, TAPE PKG



TE Part #6368018-1
MJ,R/A,8P,SHLD,PNL GRD, LIF

Documents



Product Drawings
2MM, HARD METRIC VERSION
English

CAD Files
Customer View Model
ENG_CVM_1-188232-9_C.2d_dxf.zip
English
Customer View Model
ENG_CVM_1-188232-9_C.3d_igs.zip
English
Customer View Model
ENG_CVM_1-188232-9_C.3d_stp.zip
English
3D PDF
English

Product Specifications
Application Specification
English

Product Environmental Compliance
REACH Substance Communication Document
English