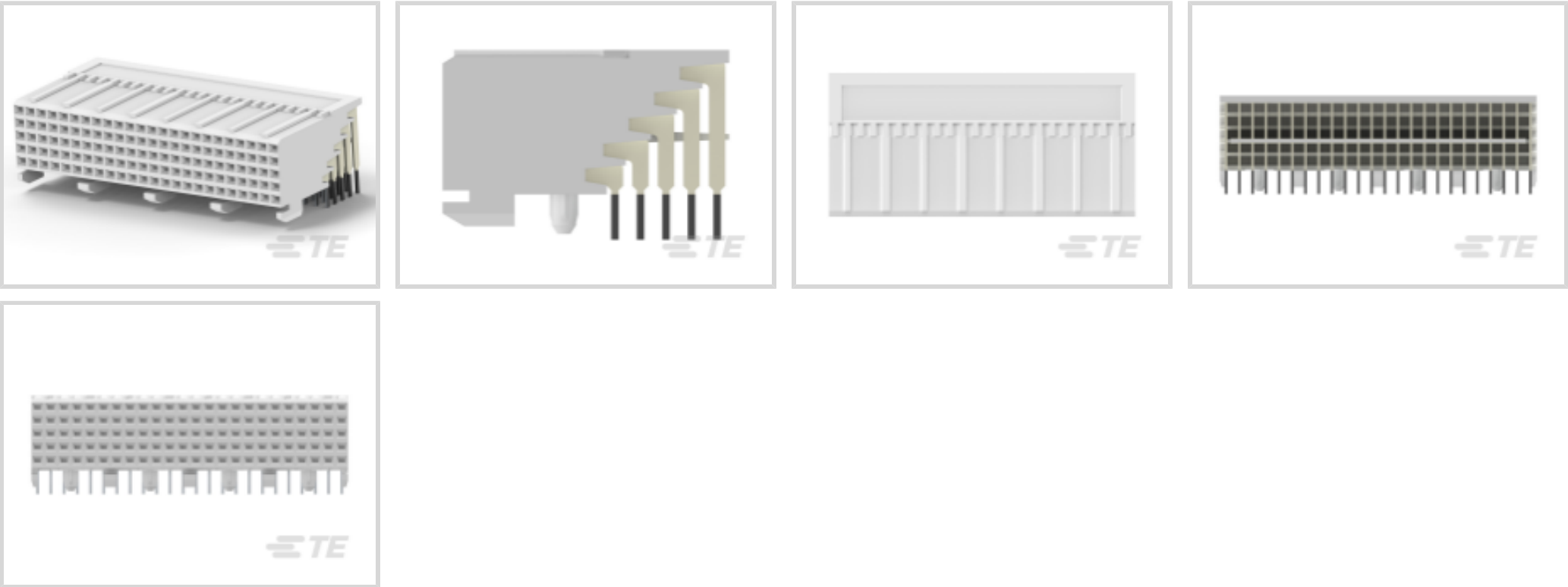




Connectors > PCB Connectors > Backplane Connectors > Backplane Connector Housings



Number of Positions: 120  
Connector System: Board-to-Board  
Row-to-Row Spacing: 2 mm  
Number of Rows: 5  
Number of Columns: 24

Features

Housing Features

Centerline (Pitch)	2 mm
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Configuration Features

Number of Positions	120
Number of Rows	5
Number of Columns	24

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Contact Features

Contact Current Rating (Max)	1 A
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Mechanical Attachment

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Connector Mounting Type	Board Mount
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Dimensions

Row-to-Row Spacing	2 mm
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Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

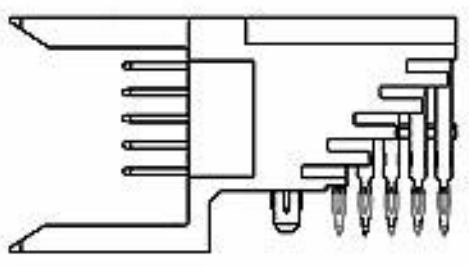
For compliance documentation, visit the product page on TE.com>

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	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

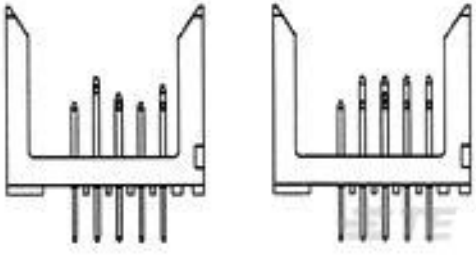
Product Compliance Disclaimer

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 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>

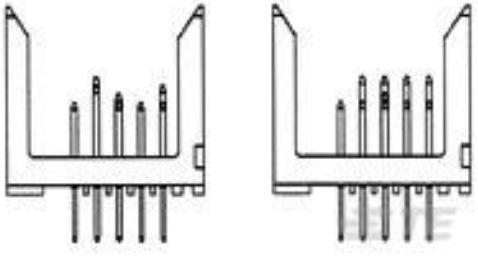
Compatible Parts



TE Part # 5223524-4  
2MMFB,5R,ASY,120,SIG,HDR,EN



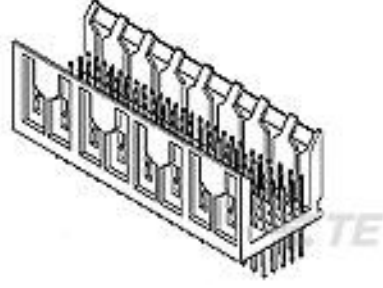
TE Part # 1-5223083-3  
FB-5R,ASY,120,SIG,HDR,3LEV SEQ



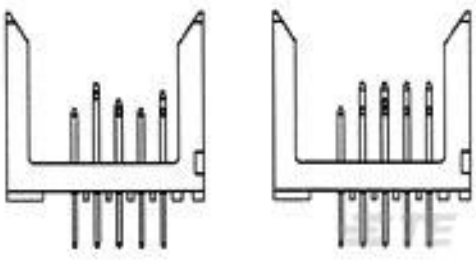
TE Part # 3-5223083-7  
2MMFB ASY HDR SIG 5R 120PSN 4.25 PF SEL



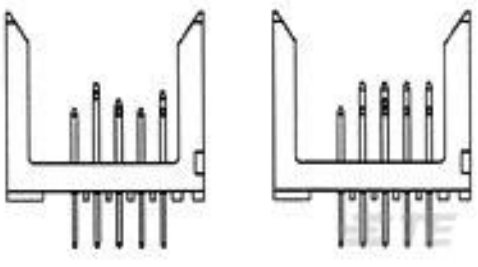
TE Part # 5223002-4  
FB-5R,ASY,120,SIG,HDR,EN,4.25



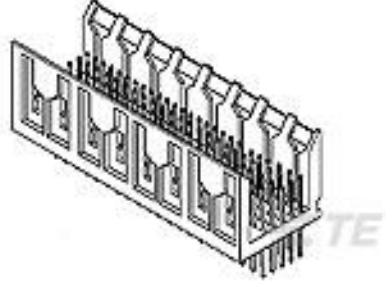
TE Part # 5223011-4  
FB-5R,ASY,120,SIG,HDR,SL,4.25



TE Part # 2-5223083-7  
FB-5R,ASY,120,SIG,HDR,EN,SLOAD

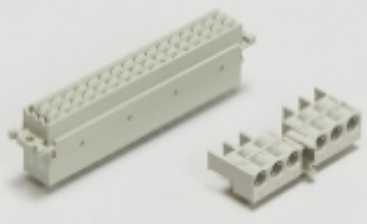


TE Part # 2-5223083-0  
FB-5R,ASY,120,SIG,HDR,EN,SEL

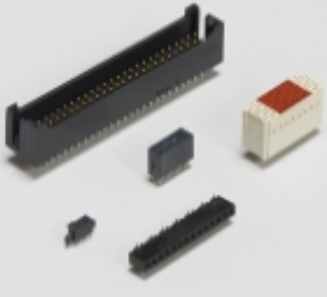


TE Part # 5223016-4  
FB-5R,ASY,120,SIG,HDR,EN,4.25

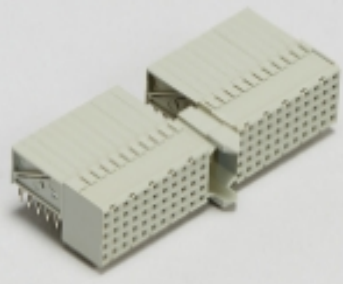
Also in the Series | Z-PACK Future Bus+



Backplane Connector Housings(19)



Board-to-Board Headers & Receptacles(14)



Hard Metric Backplane Connectors(1)



PCB Headers & Receptacles(14)

Customers Also Bought



TE Part #2-1630019-1  
HSC200 470R 5%



TE Part #2110819-1  
QSFP+ Enh EVERCLEAR PT Conn



TE Part #1-6450162-2  
MBXL R/A RCPT 4P+12S



TE Part #2170704-7  
CAGE ASSY, QSFP28 1X1, SPRING, HS




TE Part #2299924-1  
ZQSFP+ STACKED REC ASSEMBLY 2X3,4LP HS



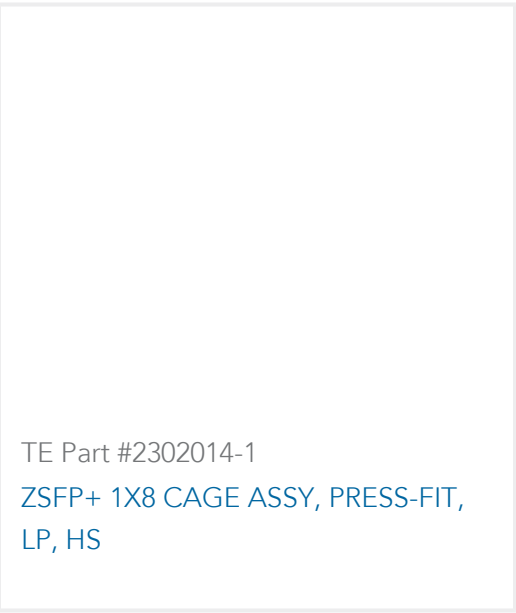
TE Part #2299940-1  
ZQSFP+ STACKED REC ASSEMBLY 2X1,4LP HS



TE Part #5-2170705-8  
CAGE ASSY, QSFP28 1X1, SPRING, HS, C LP



TE Part #2324193-7  
CAGE ASSY, QSFP-DD 1X1, CUST HS



Documents

Product Drawings

[FB-5R,ASY,120,SIG,REC,EN,3.55](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5223008-4\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5223008-4\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5223008-4\\_B.3d\\_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English