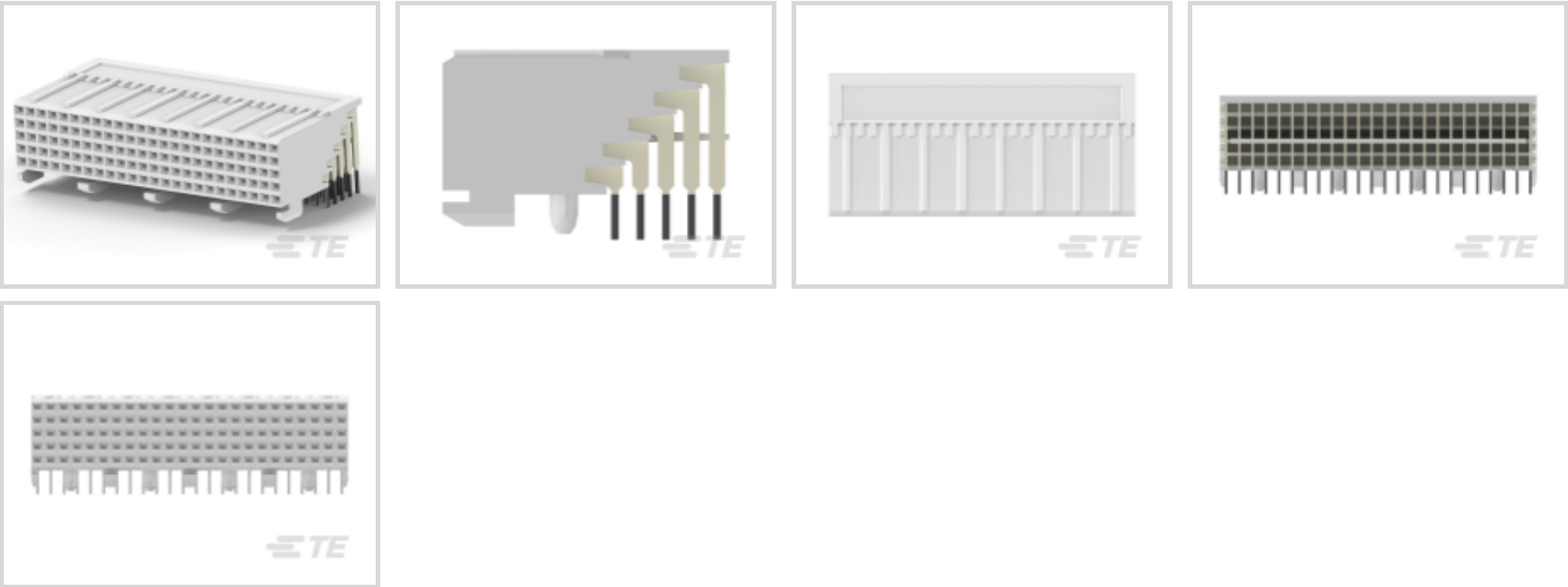




Connectors > PCB Connectors > Backplane Connectors > Backplane Connector Housings



Connector System: **Board-to-Board**
Number of Positions: **120**
Centerline (Pitch): **2 mm**
Row-to-Row Spacing: **2 mm**
Number of Rows: **5**

Features

Product Type Features

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

Configuration Features

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

Contact Features

Contact Current Rating (Max)	1 A
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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Centerline (Pitch)	2 mm
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Dimensions

Row-to-Row Spacing	2 mm
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Usage Conditions

Operating Temperature Range	-55 – 125 °C
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Operation/Application

Circuit Application	Signal
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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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 5223002-4
FB-5R,ASY,120,SIG,HDR,EN,4.25

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

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

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

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

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

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

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

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 #2007562-5
SFP+assy 2x6 Spring Fingers 4 LP Sn

TE Part #2-1445093-3
MICRO MNL HDR ASSY S/ROW AU LF

TE Part #2317010-1
ZSFP+ 1X2 CAGE BELLY TO BELLY

TE Part #2302014-2
ZSFP+ 1X8 CAGE ASSY, PRESS-FIT,
LP, HS

TE Part #2291672-1
SFP+ 1X1 CAGE ASSEMBLY, LIGHT
PIPE

TE Part #2318579-2
RCPT CONN R/A SMT 76 POSN QSFP-
DD WSHRS

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

TE Part #2324193-8
CAGE ASSY, QSFP-DD 1X1, CUST HS



TE Part #2344878-1
CAGE ASSEMBLY, 1X2, QSFP28,
SPRING, 8LP

TE Part #2302014-1
ZSFP+ 1X8 CAGE ASSY, PRESS-FIT,
LP, 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

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_5223008-4_05232016029_dmtec

English

MD_5223008-4_05232016029_dmtec

English

Agency Approvals

UL Report

English