



Fortis Zd

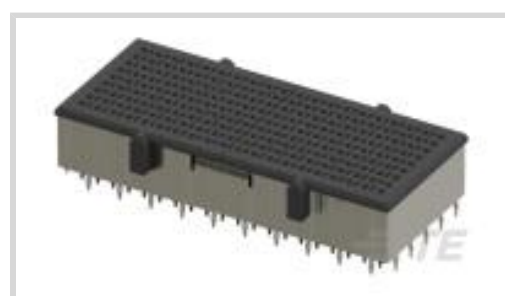
TE Internal #: 2102248-2

High Speed Backplane Connectors, 180 Position, 9 Row, 20 Column, PCB Mount Receptacle, Vertical, Unshrouded, 1.9 in [.08 mm] Centerline

[View on TE.com >](#)

Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors >

Backplane Connector: PCB Mount Receptacle, 120 position



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

Number of Positions: **180**

Row-to-Row Spacing: **1.6 mm [.063 in]**

Mating Alignment: **Without**

Number of Rows: **9**

[All Backplane Connector: PCB Mount Receptacle, 120 position \(44\)](#)

Features

Product Type Features

Signal Arrangement	Differential
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Receptacle
Shroud Style	Unshrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Backplane Architecture	Traditional Backplane
Number of Positions	180
Number of Rows	9
Number of Columns	20
PCB Mount Orientation	Vertical
Guide Location	End

Contact Features

Contact Current Rating (Max)	1.5 A
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Mechanical Attachment

Mating Alignment	Without
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Connector Mounting Type

Panel Mount

Housing Features

Number of Shrouded Sides

0

Centerline (Pitch)

.08 mm[1.9 in]

Dimensions

Row-to-Row Spacing

1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range

-65 – 125 °C[-85 – 257 °F]

Operation/Application

Circuit Application

Signal

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Not Yet Reviewed

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 2019 (197)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not reviewed 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.

Customers Also Bought



TE Part #1658019-2
MSB0.80PL25ASY080FL,-,10,-TY



TE Part #2102248-1
Fortis Zd 3PR EMI Assy BP Diff 93/7
SnPb



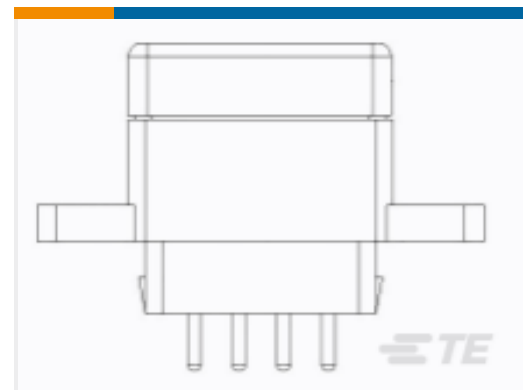
TE Part #2102320-2
Fortis Zd 3PR EMI Assy RA SE 93/7
SnPb



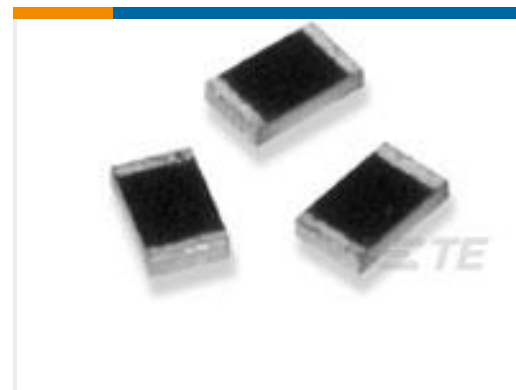
TE Part #2102436-1
FORTIS LRM, RIGHT ANGLE HEADER
DIFF PAIR



TE Part #YDTS26W17-26SCC001
PLUG ASSY



TE Part #CTJ920E12N-513
RECP ASSY



TE Part #4-1879256-3
RP 2B 158R 0.1% 15PPM CUT LENGTH



TE Part #YDTS26F21-41SCC001
PLUG ASSY



TE Part #YDTS26F25-24SBC001
PLUG ASSY

Documents

Product Drawings

Fortis Zd 3PR EMI Assy BP Diff 93/7 SnPb

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2102248-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102248-2_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_2102248-2_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Fortis Zd LRM](#)

English

[Fortis Zd Connector Brochure](#)

English

Product Specifications

[Application Specification](#)

English