



Fortis Zd

TE Internal #: 2102318-1

High Speed Backplane Connectors, Board-to-Board, 90 Position, 9 Row, 10 Column, PCB Mount Header, Traditional Backplane, Right Angle

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Connectors > PCB Connectors > Backplane Connectors > High Speed Connectors



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

Number of Positions: **90**

Row-to-Row Spacing: **1.6 mm [.06 in]**

Mating Alignment: **Without**

Number of Rows: **9**

Features

Product Type Features

Signal Arrangement	Single Ended
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Header
Shroud Style	Partially Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	90
Number of Rows	9
Number of Columns	10
Backplane Architecture	Traditional Backplane
PCB Mount Orientation	Right Angle
Guide Location	Center

Contact Features

Contact Current Rating (Max)	1.5 A
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Mechanical Attachment

Mating Alignment	Without
Connector Mounting Type	Panel Mount

Housing Features



Number of Shrouded Sides	4
Centerline (Pitch)	.08 mm[1.9 in]

Dimensions

Row-to-Row Spacing	1.6 mm[.06 in]
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Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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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	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: JUNE 2022 (224) Candidate List Declared Against: JAN 2017 (173) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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.

Documents



Product Drawings

Fortis Zd 10 Col R/A Full Shroud Assy SE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2102318-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102318-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102318-1_C.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