

2102159-1 ✓ ACTIVE

Fortis Zd

TE Internal #: 2102159-1

High Speed Backplane Connectors, Board-to-Board, 180 Position, 9 Row, 20 Column, PCB Mount Header, Traditional Backplane, Right Angle, Fully Shrouded

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Connectors > PCB Connectors > Backplane Connectors > High Speed Connectors



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

Number of Positions: **180**

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

Mating Alignment: **Without**

Number of Rows: **9**

Features

Product Type Features

Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Header
Shroud Style	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	180
Number of Rows	9
Number of Columns	20
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
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Centerline (Pitch)	.08 mm[1.9 in]
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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	Compliant
EU ELV Directive 2000/53/EC	Not 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 2022 (224) Candidate List Declared Against: JAN 2019 (197) 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 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 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>

Documents

Product Drawings

[Fortis Zd 3Pr 20Col R/A Full Shrd Assy](#)

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2102159-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102159-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2102159-1_B.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