

**Fortis Zd**

TE Internal #: 2000905-1

High Speed Backplane Connectors, Board-to-Board, 180 Position,  
Mating Alignment, Polarization Mating Alignment Type, 9 Row, 20  
Column

[View on TE.com >](#)

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: **With**Mating Alignment Type: **Polarization****Features****Product Type Features**

Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Receptacle
Shroud Style	Unshrouded
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	Vertical

**Contact Features**

Contact Current Rating (Max)	1.5 A
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**Mechanical Attachment**

Mating Alignment	With
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

**Housing Features**

Number of Shrouded Sides	0
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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: JUL 2017 (174) 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>

## Documents

### Product Drawings

[Fortis Zd 20 Col Vert Center Mod Assy](#)

English



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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2000905-1\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2000905-1\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2000905-1\\_D.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### Fortis Zd LRM

English

#### Fortis Zd Connector Brochure

English

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### Product Specifications

#### Application Specification

English