



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

|                                   |                       |
|-----------------------------------|-----------------------|
| 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    | 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 |
|------------------------------|-------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Mating Alignment        | Without     |
| Connector Mounting Type | Panel Mount |

Housing Features



|                          |                |
|--------------------------|----------------|
| Number of Shrouded Sides | 2              |
| Centerline (Pitch)       | .08 mm[1.9 in] |

Dimensions

|                    |                |
|--------------------|----------------|
| Row-to-Row Spacing | 1.6 mm[.06 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>

|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JAN 2019 (197)<br>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 20 Col R/A Center Assy SE



English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2102316-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2102316-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2102316-1\_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