



2102318-1 Product Details

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Fortis Zd Connector System

5 of 6 EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector Module
- Fortis Zd
- Connector Module Type = Full Shroud
- 10 Columns
- 90 Positions

[View all Features](#)

TE Internal Number: 2102318-1

Active

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Documentation & Additional Information

Product Drawings:

- [Fortis Zd, 3-PAIR, 10-COLUMN, R/A, FULL SHROUD ASSEM...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Fortis Zd* Modular Connector System](#) (PDF, English)

Application Specifications:

- [Fortis Zd Modular Connector System](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version A\)](#)
- [3D Model \(IGES, Version A\)](#)
- [3D Model \(STEP, Version A\)](#)

Related Products:

- [Tooling](#)

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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Type = Connector Module
- Connector Series = Fortis Zd
- PCB Mounting Orientation = Right Angle
- Termination Method to PC Board = Through Hole - Press Fit

Body Features:

- Number of Positions = 90
- Durability Rating = 500 Cycles

Contact Features:

- Contact Plating, Termination Area, Material = Bright Tin-Lead
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold
- Contact Plating, Mating Area, Thickness (µm [µin]) = 1.27 [50]

Housing Features:

- Housing Material = Liquid Crystal Polymer (LCP)
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Columns = 10
- Number of Pairs per Column = 3

Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- [Lead Free Solder Processes](#) = Not reviewed for lead free solder process

Conditions for Usage:

- Connector Module Type = Full Shroud
- Temperature Range (°C) = -65 - +125

Other:

- Industry = Aerospace, Defense & Marine, Data Comm-Communications, Data Comm-Data Center, Industrial
- Brand = Tyco Electronics

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