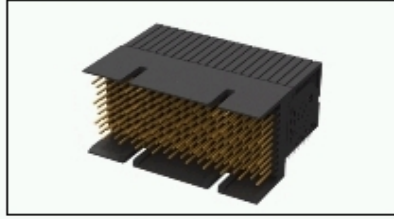


## 2102316-1 Product Details

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**2102316-1**

TE Internal Number: 2102316-1  
 Active

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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 = Center
- 20 Columns
- 180 Positions

[View all Features](#)

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### Documentation & Additional Information

**Product Drawings:**

- [Fortis Zd, 3-PAIR, 20-COLUMN, R/A, CENTER MODULE ASS... \(PDF, English\)](#)

**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 = 180
- 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 = 20
- 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 = Center
- 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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