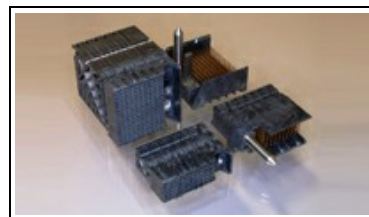




## 2007703-1 Product Details



**2007703-1**

TE Internal Number: 2007703-1

Active

### Impact High Density Backplane Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector Style = Receptacle
- 60/Signal, 30/Ground
- 90 Positions
- Board-to-Board Configuration = Right Angle
- Number of Differential Pairs Per Column = 3

[View all Features](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) | [Request Sample](#) | [Find Similar Products](#) | [Buy Product](#)

### Documentation & Additional Information

Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.

#### Related Products:

- [Tooling](#)

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

#### Product Type Features:

- PCB Mount Retention Type = Action/Compliant Tail and Screw(s), Locating Post(s)

#### Electrical Characteristics:

- Impedance ( $\Omega$ ) = 100
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 120
- Operating Voltage (VDC) = 120

#### Dimensions:

- Tail Length (mm [in]) = 1.2 [0.047]
- Length (X-Axis) (mm [in]) = 19.00 [0.748]
- Width (Z-Axis) (mm [in]) = 24.20 [0.953]
- Profile Height (Y-Axis) (mm [in]) = 13.30 [0.524]
- PCB Hole Diameter (mm [in]) = 0.39 [0.015]

#### Contact Features:

- Contact Type = Socket
- Contact Plating, Termination Area, Material = Matte Tin
- Contact Plating, Termination Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1.27 [50]
- Contact Base Material = Copper-Nickel-Silicon
- Underplate Material = Nickel
- Underplate Material Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1.27 [50.000]

#### Housing Features:

- Connector Style = Receptacle
- Housing Color = Black
- Housing Material = Liquid Crystal Polymer (LCP)

#### Configuration Features:

- Connector Contact Configuration (No. of Pos./Type) = 60/Signal, 30/Ground
- [Number of Positions](#) = 90
- Number of Differential Pairs Per Column = 3
- Number of Columns = 10
- [Number of Rows](#) = 9
- Guide Location = Left
- Tail Orientation = In-line

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- UL Rating = Recognized
- UL File Number = E28476
- UL Flammability Rating = UL 94V-0
- CSA Certified = Yes

#### Environmental:

- Operating Temperature ( $^{\circ}\text{C}$  [ $^{\circ}\text{F}$ ]) = -55 - +85 [-67 - +185]

#### Conditions for Usage:

- Board-to-Board Configuration = Right Angle

#### Operation/Application:

- Industry Application = Networking (Communications)

#### Packaging Features:

- Packaging Method = Tube

#### Other:

- Brand = TE Connectivity

Feedback

[News Room](#)

[Supplier Portal](#)

[Careers](#)

[Terms & Conditions](#)

[Privacy Policy](#)

[AODA Accessibility Policy](#)

[AODA Multi-Year Accessibility  
Plan](#)

[Documents & Drawings](#)

[Product Compliance Support Center](#)

[Site Map](#)

[Knowledge Base](#)

[Manage Your Account](#)

