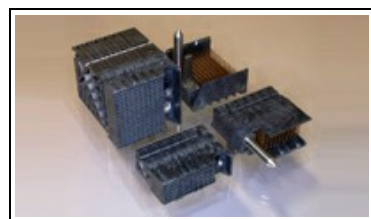


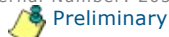


## 2057434-3 Product Details

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**2057434-3**

TE Internal Number: 2057434-3



### Impact High Density Backplane Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector Style = Header
- 64/Signal, 32/Ground
- 96 Positions
- Header Type = Partially Shrouded
- Board-to-Board Configuration = Right Angle, Vertical

[View all Features](#)

#### Quick Links

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### 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]) = 21.70 [0.854]
- Width (Z-Axis) (mm [in]) = 20.80 [0.819]
- Profile Height (Y-Axis) (mm [in]) = 11.95 [0.470]
- PCB Hole Diameter (mm [in]) = 0.46 [0.018]

#### Body Features:

- Header Type = Partially Shrouded

#### Contact Features:

- Contact Type = Pin
- Contact Length (mm [in]) = 5.50 [0.217]
- 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 = Header
- End Wall Location = Open
- Housing Color = Black
- Housing Material = Liquid Crystal Polymer (LCP)

#### Configuration Features:

- Connector Contact Configuration (No. of Pos./Type) = 64/Signal, 32/Ground
- Number of Positions = 96
- Number of Differential Pairs Per Column = 4
- Number of Columns = 8
- Number of Rows = 12
- Shrouded = Yes - Partial
- 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, Vertical

#### Operation/Application:

- Industry Application = Networking (Communications)

#### Packaging Features:

- Packaging Method = Tube

#### Other:

- Brand = TE Connectivity

Feedback

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