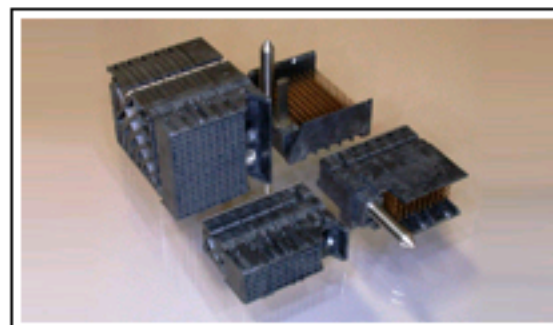




2057764-3 Product Details

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2057764-3

TE Internal Number: 2057764-3

Active

Impact High Density Backplane Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector Style = Header
- 48/Signal, 24/Ground
- 72 Positions
- Header Type = Partially Shrouded
- Board-to-Board Configuration = Right Angle, Vertical

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Feedback

Documentation & Additional Information

Product Drawings:

- IMPACT, 3 PAIR, 8 COLUMN, HEADER UNGUIDED, OPEN END ... (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Related Products:

- Tooling

[List all Documents](#)

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

Product Type Features:

- PCB Mount Retention Type = Action/Compliant Tail, None

Electrical Characteristics:

- Impedance (Ω) = 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]) = 15.10 [0.594]
- Width (Z-Axis) (mm [in]) = 16.70 [0.657]
- Profile Height (Y-Axis) (mm [in]) = 11.95 [0.470]
- PCB Hole Diameter (mm [in]) = 0.39 [0.015]

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 (μm [μin]) = 1.27 [50]
- Contact Base Material = Copper-Nickel-Silicon
- Underplate Material = Nickel
- Underplate Material Thickness (μm [μin]) = 1.27 [50.000]

Housing Features:

- Connector Style = Header
- End Wall Location = Open
- Housing Color = Black
- Housing Material = LCP - GF (Liquid Crystal Polymer)

Configuration Features:

- Connector Contact Configuration (No. of Pos./Type) = 48/Signal, 24/Ground
- Number of Positions = 72
- Number of Differential Pairs Per Column = 3
- Number of Columns = 8
- Number of Rows = 9
- Shrouded = Yes - Partial
- Guide Location = Unguided
- 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

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