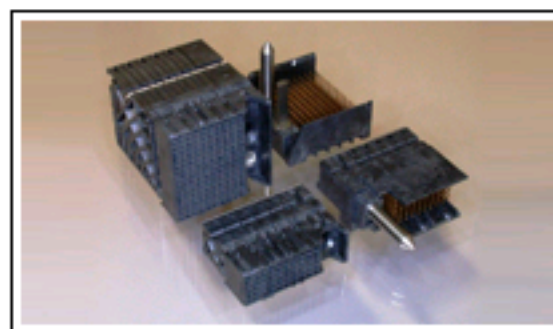




2007815-3 Product Details

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2007815-3

TE Internal Number: 2007815-3

Active

Impact High Density Backplane Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Impedance = 100 Ω
- Board-to-Board Configuration = Right Angle
- Connector Style = Header
- Header Type = Fully Shrouded
- PCB Mounting Orientation = Vertical

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- IMPACT, 4 PAIR, 10 COLUMN, HEADER RIGHT GUIDED, LEFT... (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 Mounting Orientation = Vertical
- PCB Mount Retention Type = Action/Compliant Tail and Screw(s)
- PCB Mount Alignment Type = Locating Post(s)
- Shrouded = Yes
- UL File Number = E28476

Electrical Characteristics:

- Impedance (Ω) = 100
- Operating Voltage Reference = AC/DC
- Operating Voltage (VAC) = 120
- Operating Voltage (VDC) = 120

Termination Features:

- Tail Length (mm [in]) = 1.2 [0.047]

Dimensions:

- PCB Hole Diameter (mm [in]) = 0.39 [0.015]
- Length (X-Axis) (mm [in]) = 26.90 [1.0591]
- Width (Z-Axis) (mm [in]) = 20.80 [0.819]
- Profile Height (Y-Axis) (mm [in]) = 11.95 [0.470]

Body Features:

- Header Type = Fully Shrouded

Contact Features:

- 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 Type = Pin

Housing Features:

- Connector Style = Header
- End Wall Location = Left
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Differential Pairs Per Column = 4
- Number of Columns = 10
- Guide Location = Right
- Number of Rows = 12
- Number of Positions = 120
- Connector Contact Configuration (No. of Pos./Type) = 80/Signal, 40/Ground

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
- 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

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