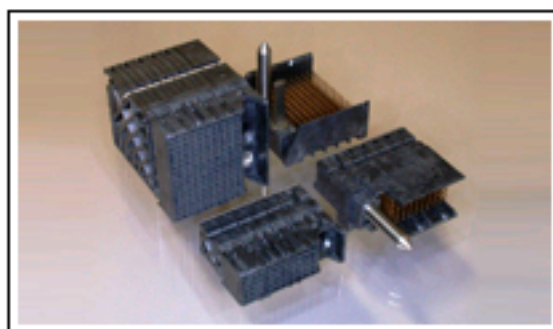


2007815-3 Product Details

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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

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • IMPACT, 4 PAIR, 10 COLUMN, HEADER RIGHT GUIDED, LEFT... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • None Available <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available 	<p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
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[List all Documents](#)

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

<p>Product Type Features:</p> <ul style="list-style-type: none"> • 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 <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Impedance (Ω) = 100 • Operating Voltage Reference = AC/DC • Operating Voltage (VAC) = 120 • Operating Voltage (VDC) = 120 <p>Termination Features:</p> <ul style="list-style-type: none"> • Tail Length (mm [in]) = 1.2 [0.047] <p>Dimensions:</p> <ul style="list-style-type: none"> • 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] <p>Body Features:</p> <ul style="list-style-type: none"> • Header Type = Fully Shrouded <p>Contact Features:</p> <ul style="list-style-type: none"> • 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 <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Header • End Wall Location = Left • Housing Color = Black • UL Flammability Rating = UL 94V-0 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • 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 <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -55 - +85 [-67 - +185] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Board-to-Board Configuration = Right Angle <p>Operation/Application:</p> <ul style="list-style-type: none"> • Industry Application = Networking (Communications) <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tube <p>Other:</p> <ul style="list-style-type: none"> • Brand = TE Connectivity
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