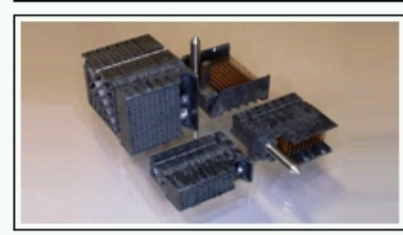




2057425-2 Product Details

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2057425-2

TE Internal Number: 2057425-2
✔ Active

Impact High Density Backplane Connectors

✔ Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- IMPACT Product Line
- Board-to-Board
- Applies To Printed Circuit Board
- Board-to-Board Configuration = Right Angle
- Connector

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> ● IMPACT, 2 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

[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"> ● Product Line = IMPACT ● Product Type = Connector ● Connector Type = Connector Assembly ● PCB Mount Retention = With ● PCB Mount Retention Type = Compliant Pin/Screw ● Termination Method to PC Board = Through Hole - Press Fit ● PCB Mounting Orientation = Vertical ● PCB Mount Alignment Type = Locating Post(s) ● Make First / Break Last = No ● Shrouded = Yes ● UL File Number = E28476 <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> ● Impedance (Ω) = 100 ● Contact - Rated Current (A) = 0.75 ● Hot Pluggable = No ● 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] ● Tail Orientation = In-line <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]) = 12.70 [0.500] ● Profile Height (Y-Axis) (mm [in]) = 11.95 [0.470] <p>Body Features:</p> <ul style="list-style-type: none"> ● Header Type = Fully Shrouded ● Mating Retention = Without ● Underplate Material Thickness (µm [µin]) = 1.27 [50.000] <p>Contact Features:</p> <ul style="list-style-type: none"> ● Contact Design = Dual Beam ● Contact Type = Pin ● Contact Base Material = Copper-Nickel-Silicon ● Contact Plating, Mating Area, Material = Gold ● Contact Plating, Mating Area, Thickness (µm [µin]) = 0.76 [30] ● Contact Length (mm [in]) = 4.90 [0.193] ● Contact Plating, Termination Area, Material = Matte Tin ● Contact Plating, Termination Area, Thickness (µm [µin]) = 1.27 [50] ● Underplate Material = Nickel 	<p>Housing Features:</p> <ul style="list-style-type: none"> ● Connector Style = Header ● Housing Color = Black ● End Wall Location = Left ● Centerline (mm [in]) = 1.90 [0.075] ● Mating Alignment = With ● Housing Material = Liquid Crystal Polymer (LCP) ● UL Flammability Rating = UL 94V-0 <p>Configuration Features:</p> <ul style="list-style-type: none"> ● Connector Contact Configuration (No. of Pos./Type) = 40/Signal, 20/Ground ● Number of Positions = 60 ● Number of Rows = 6 ● Number of Columns = 10 ● Differential Signaling = Yes ● Number of Differential Pairs Per Column = 2 ● Guide Location = Right <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"> ● Applies To = Printed Circuit Board ● Board-to-Board Configuration = Right Angle <p>Operation/Application:</p> <ul style="list-style-type: none"> ● Application Use = Board-to-Board ● Contact Transmits (Typical Application) = Signal (Data) ● 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

