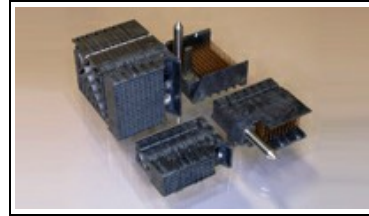




2007881-3 Product Details

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2007881-3

Impact High Density Backplane Connectors

Not reviewed for RoHS Compliance

Product Highlights:

- Connector Style = Header
- 120/Signal, 60/Ground
- 180 Positions
- Header Type = Partially Shrouded
- Board-to-Board Configuration = Right Angle, Vertical

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TE Internal Number: 2007881-3



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Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • PCB Mount Retention Type = Action/Compliant Tail, None <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>Dimensions:</p> <ul style="list-style-type: none"> • Tail Length (mm [in]) = 1.2 [0.047] • Length (X-Axis) (mm [in]) = 20.25 [0.797] • Width (Z-Axis) (mm [in]) = 28.90 [1.1378] • Profile Height (Y-Axis) (mm [in]) = 11.95 [0.470] • PCB Hole Diameter (mm [in]) = 0.46 [0.018] <p>Body Features:</p> <ul style="list-style-type: none"> • Header Type = Partially Shrouded <p>Contact Features:</p> <ul style="list-style-type: none"> • 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] <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Header • End Wall Location = Left • Housing Color = Black • Housing Material = Liquid Crystal Polymer (LCP) 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • Connector Contact Configuration (No. of Pos./Type) = 120/Signal, 60/Ground • Number of Positions = 180 • Number of Differential Pairs Per Column = 6 • Number of Columns = 10 • Number of Rows = 18 • Shrouded = Yes - Partial • Guide Location = Unguided • Tail Orientation = In-line <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = Not reviewed for ELV/RoHS compliance • Lead Free Solder Processes = Not relevant for lead free process • UL Rating = Recognized • UL File Number = E28476 • UL Flammability Rating = UL 94V-0 • CSA Certified = Yes <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature ($^{\circ}\text{C}$ [$^{\circ}\text{F}$]) = -55 - +85 [-67 - +185] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Board-to-Board Configuration = Right Angle, Vertical <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

Feedback

