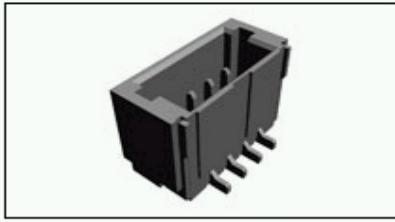




1-1734595-5 Product Details

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1-1734595-5

TE Internal Number: 1-1734595-5

Active

View 3D PDF

High Performance Interconnects (HPI)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- HPI Product Line
- Header
- Wire-to-Board
- Connector Style = Plug

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Documentation & Additional Information	
<p>Product Drawings:</p> <ul style="list-style-type: none"> • 1.0 MM PITCH WIRE TO BOARD CONNECTOR, HEADER, SMT, V... (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"> • Wire To Board Serial, SMT, Pitch 1.0 (PDF, English) <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: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version A1) • 3D Model (IGES, Version A1) • 3D Model (STEP, Version A1) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling • Mating Products (2)

[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 Type = Connector • Product Line = HPI • Connector Type = Header • Wire/Cable Type = Discrete Wire • Mount Angle = Vertical • Termination Method to PC Board = Surface Mount • PCB Mounting Orientation = Vertical • PCB Mount Alignment = Without • PCB Mount Retention = With • PCB Mount Retention Type = Solder Pads • Shrouded = Yes • Sealed = No <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 0.8 - 1 • Operating Voltage Reference = AC/DC • Operating Voltage (VAC) = 50 • Operating Voltage (VDC) = 50 <p>Termination Features:</p> <ul style="list-style-type: none"> • Contact Termination Type = Surface Mount • Wire/Cable Size (AWG) = 28 - 32 • Tail Orientation = Straight • Tail Length (mm [in]) = 0.7 [0.028] <p>Dimensions:</p> <ul style="list-style-type: none"> • Length (X-Axis) (mm [in]) = 17.30 [0.6811] • Width (Z-Axis) (mm [in]) = 5.10 [0.200] • Profile Height (Y-Axis) (mm [in]) = 4.30 [0.169] <p>Body Features:</p> <ul style="list-style-type: none"> • Locking Interface = Without • Mating Retention = Without • Post Material = Phosphor Bronze • Post Plating = Tin over Nickel • Selectively Loaded = No <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Plating, Mating Area, Material = Nickel • Contact Design = Pin • Contact Base Material = Phosphor Bronze • Contact Finish = Matte Tin over Nickel • Contact Plating, Termination Area, Material = Matte Tin 	<p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Housing Color = Natural • Centerline (mm [in]) = 1.00 [0.039] • UL Flammability Rating = UL 94V-0 • Housing Material = High Temperature Thermoplastic <p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 15 • Number of Rows = Single <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Reflow solder capable to 245°C, Reflow solder capable to 260°C • RoHS/ELV Compliance History = Always was RoHS compliant <p>Environmental:</p> <ul style="list-style-type: none"> • Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Printed Circuit Board • Mates With = 1470364-x <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Wire-to-Board • Pick and Place Cover = With <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tape & Reel • Packaging Quantity = 1,000/Reel <p>Other:</p> <ul style="list-style-type: none"> • Brand = TE Connectivity

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