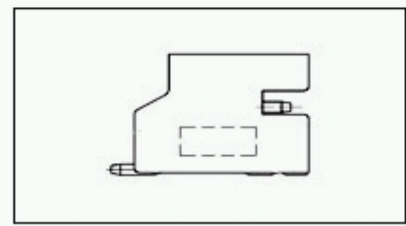




1775469-5 Product Details

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1775469-5

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

[View all Features](#)

TE Internal Number: 1775469-5

Active

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • HPI CONN., 2.0MM PITCH, R/A, SMT TYPE (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"> • AMP 2.0MM PITCH HPI WIRE-TO-BOARD SYSTEM. (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 A) • 3D Model (IGES, Version A) • 3D Model (STEP, Version A) 	<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 (5)
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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"> • Product Type = Connector • Product Line = HPI • Connector Type = Header • Wire/Cable Type = Discrete Wire • Mount Angle = Right Angle • Termination Method to PC Board = Surface Mount • PCB Mounting Orientation = Right Angle • PCB Mount Alignment = Without • PCB Mount Retention = With • PCB Mount Retention Type = Solder Pads • Wire Size (mm² [AWG]) = 24 - 30 AWG • Shrouded = Yes - Partial • Sealed = No <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 3 • Operating Voltage Reference = AC/DC • Operating Voltage (VAC) = 250 • Operating Voltage (VDC) = 250 <p>Termination Features:</p> <ul style="list-style-type: none"> • Contact Termination Type = Surface Mount • Wire/Cable Size (AWG) = 24 - 30 • Tail Orientation = Straight • Termination Post Length (mm [in]) = 1.00 [0.039] • Tail Length (mm [in]) = 1 [0.039] <p>Dimensions:</p> <ul style="list-style-type: none"> • Mating Post Length (mm [in]) = 3.53 [0.139] • Length (X-Axis) (mm [in]) = 13.40 [0.5275] • Width (Z-Axis) (mm [in]) = 7.60 [0.299] • Profile Height (Y-Axis) (mm [in]) = 5.50 [0.217] <p>Body Features:</p> <ul style="list-style-type: none"> • Locking Interface = Without • Mating Retention = Without • Post Material = Brass • Post Plating = Nickel <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Pin • Contact Plating, Mating Area, Material = Matte Tin • Contact Design = Pin • Contact Base Material = Brass • Contact Finish = Tin over Nickel • Contact Plating, Termination Area, Material = Nickel • Contact Plating, Termination Area, Thickness (µm [µin]) = 50 [1968] 	<p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Plug • Housing Color = Natural • Centerline (mm [in]) = 2.00 [0.079] • UL Flammability Rating = UL 94V-0 • Housing Material = PA9T GF <p>Configuration Features:</p> <ul style="list-style-type: none"> • Number of Positions = 5 • 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]) = -25 - +85 [-13 - +185] <p>Conditions for Usage:</p> <ul style="list-style-type: none"> • Applies To = Printed Circuit Board • Mates With = 440129-x <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Wire-to-Board • Pick and Place Cover = Without <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Reel • Packaging Quantity = 600 <p>Other:</p> <ul style="list-style-type: none"> • Brand = TE Connectivity
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