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5-175475-5 Product Details



5-175475-5

TE Internal Number: 5-175475-5



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1.27 [.050] Series I, HD, FH and J Connectors

[5 of 6 EU RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Statement of Compliance](#))

Product Highlights:

- Connector
- Receptacle
- Number of Positions = 40
- 1.27 mm Centerline
- Standard Profile

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • None Available <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • CHAMP Interconnection System (PDF, English) • REPRESENTATIVE TERMINALS AND CONNECTORS (PDF, English) • CHAMP .050 SERIES CONNECTORS (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • CHAMP .050(I) Board-to-Board Connector (1) (PDF, English) • CHAMP .050(I) Board-to-Board Connector (2) (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 C) • 3D Model (IGES, Version C) • 3D Model (STEP, Version C) 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
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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"> • Product Type = Connector • Gender = Receptacle • Number of Positions = 40 • Profile = Standard • PCB Mount Style = Through Hole • PCB Retention Feature = Yes • PCB Mount Angle = Vertical • Connector Type = High Density (HD) • PCB Mount Polarization = Without • Retention Leg Material = Brass • Color = Black • Used For = Board To Board Applications • Sealed Bottom = Without • Product Series = Series I <p>Mechanical Attachment:</p> <ul style="list-style-type: none"> • Retention Leg Plating = Tin-lead over Nickel <p>Termination Related Features:</p> <ul style="list-style-type: none"> • Termination Post Length (mm [in]) = 3.10 [0.122] 	<p>Body Related Features:</p> <ul style="list-style-type: none"> • Centerline (mm [in]) = 1.27 [0.050] • PCB Retention Method = Boardlock(s) <p>Contact Related Features:</p> <ul style="list-style-type: none"> • Contact Mating Area Plating Material = Gold (30) • Contact Base Material = Phosphor Bronze <p>Housing Related Features:</p> <ul style="list-style-type: none"> • Housing Temperature Rating = Standard • Housing Material = Nylon • Housing Flammability Rating = UL 94V-0 <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = ELV compliant, 5 of 6 Compliant • Lead Free Solder Processes = Wave solder capable to 240°C <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application = Standard <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP
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