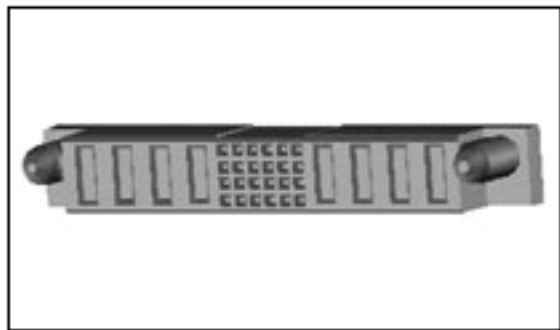


5-6450540-3 Product Details

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5-6450540-3

TE Internal Number: 5-6450540-3

Active

View 3D PDF

MULTI-BEAM XL and MULTI-BEAM XLE Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Product Series = XL
- Board-to-Board
- Connector Assembly
- Connector Style = Receptacle
- Contact Type = Socket

View all Features

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Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"><li>None Available</li></ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"><li>2 PIECE POWER CONNECTORS_qrq_4-1773458-1 (PDF, English)</li></ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"><li>None Available</li></ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"><li>None Available</li></ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"><li>None Available</li></ul> <p><b>CAD Files:</b> (CAD Format &amp; Compression Information)</p> <ul style="list-style-type: none"><li>2D Drawing (DXF, Version J2)</li><li>3D Model (IGES, Version J2)</li><li>3D Model (STEP, Version J2)</li></ul> <p>List all Documents</p>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"><li>Tooling</li></ul>

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"><li>Product Series = XL</li><li>Connector Type = Connector Assembly</li><li>Mount Angle = Vertical</li><li>Termination Style = Press Fit</li><li>Mating Type = Blindmate</li><li>PCB Mount Retention = With</li><li>Guides = With</li></ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"><li>Mating Functionality = Mate First-Break Last</li><li>Voltage Rating (Signal) (VAC) = 60</li><li>Voltage Rating (Power) (VDC) = 200</li></ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"><li>Termination Post Length (mm [in]) = 3.43 [0.135]</li></ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"><li>Sequencing = No</li><li>PCB Mount Retention Type = Compliant Posts, Boardlock(s)</li><li>Connector Configuration Orientation = Right-to-Left</li><li>Centerline, DC Module (mm [in]) = 6.35 [0.250]</li><li>Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]</li></ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"><li>Contact Type = Socket</li><li>Contact Material (Power) = High Conductivity Copper</li><li>Contact Material (Signal) = High Conductivity Copper</li><li>Contact Plating, Mating Area, Material = Gold (30)</li></ul>	<p><b>Housing Features:</b></p> <ul style="list-style-type: none"><li>Connector Style = Receptacle</li><li>Housing Material = High Temperature Thermoplastic</li></ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"><li>Total Number of DC Power = 8</li><li>Total Number of AC Power = 0</li><li>Total Number of Coax = 0</li><li>Total Number of Signal = 24</li><li>Connector Contact Configuration (No. of Pos./Type) = 4/DC Power, 24/Signal, 4/DC Power</li></ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"><li>RoHS/ELV Compliance = RoHS compliant, ELV compliant</li><li>Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C</li><li>RoHS/ELV Compliance History = Always was RoHS compliant</li></ul> <p><b>Operation/Application:</b></p> <ul style="list-style-type: none"><li>Application Use = Board-to-Board</li></ul> <p><b>Other:</b></p> <ul style="list-style-type: none"><li>Brand = AMP</li><li>Comment = For additional configurations available, contact Tyco Electronics.</li></ul>

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