3-6450130-9 Product Details

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TE Internal Number: 3-6450130-9

Active

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MULTI-BEAM XL and MULTI-BEAM XLE Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Product Series = XL
- Board-to-Board
- Header
- Connector Style = Plug
- Contact Type = Pin

View all Features

Quick Links

- Pricing & Availability
- Search for Tooling
- View Mating Products (1)
- Product Feature Selector
- Contact Us About This Product

Add to My Part List | Request Sample | Find Similar Products | Buy Product

Documentation & Additional Information

Product Drawings:

- RIGHT ANGLE HEADER ASSEMBLY W/GUIDES MULTI-BEAM XL (PDF, English)

Catalog Pages/Data Sheets:

- 2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1 (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version K1)
- 3D Model (IGES, Version K1)
- 3D Model (STEP, Version K1)

List all Documents

Related Products:

- Tooling
- Mating Products (1)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Series = XL
- Connector Type = Header
- Mount Angle = Right Angle
- Mating Type = Blindmate
- PCB Mount Retention = With
- PCB Mount Retention Type = Boardlock(s)
- Guides = With

Electrical Characteristics:

- Voltage Rating (Signal) (VAC) = 60
- Voltage Rating (Power) (VAC) = 300
- Voltage Rating (Power) (VDC) = 200

Termination Features:

- Termination Style = Solder
- Termination Post Length (mm [in]) = 2.29 [0.090]

Body Features:

- Sequencing = Yes

Contact Features:

- Contact Type = Pin
- Contact Material (Power) = High Conductivity Copper
- Contact Material (Signal) = Copper Alloy
- Contact Plating, Mating Area, Material = Gold (30)

Housing Features:

- Connector Style = Plug
- Housing Material = High Temperature Thermoplastic
- Centerline, DC Module (mm [in]) = 6.35 [0.250]
- Centerline, AC Module (mm [in]) = 7.62 [0.300]
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Configuration Features:

- Total Number of DC Power = 2
- Total Number of AC Power = 3
- Total Number of Coax = 0
- Total Number of Signal = 16
- Connector Configuration Orientation = Left-to-Right
- Mating Functionality = Mate Last-Break First
- Connector Contact Configuration (No. of Pos./Type) = 3/AC Power, 16/Signal, 2/DC Power

Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Operation/Application:

- Application Use = Board-to-Board

Other:

- Brand = AMP
- Comment = For additional configurations available, contact Tyco Electronics.

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