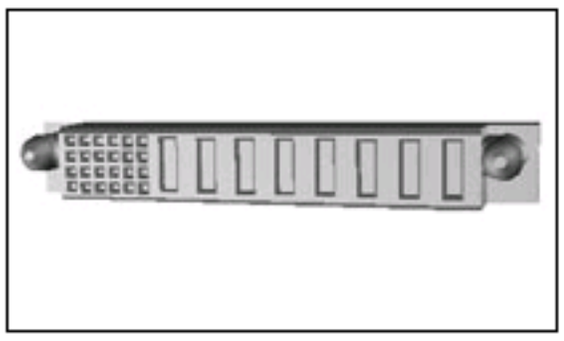
6450142-9 Product Details



6450142-9

TE Internal Number: 6450142-9

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

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

Quick Links

- Check Pricing & Availability
- Search for Tooling
- View Mating Products (2)
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:
- VERTICAL RECEPTACLE ASSEMBLY WITH GUIDES MULTI-BEAM XL (PDF, English)

Catalog Pages/Data Sheets:
- 2 PIECE POWER CONNECTORS grg 4-1773458-1 (PDF, English)

Product Specifications:
- Multi-Beam XL Board Mount Receptacle or Plug Connect... (PDF, English)

Application Specifications:
- Multi-Beam XL Connectors (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version C)
- 3D Model (IGES, Version C)
- 3D Model (STEP, Version C)

List all Documents

Related Products:
- Tooling
- Mating Products (2)

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

Product Type Features:
- Product Series = XL
- Connector Type = Connector Assembly
- Mount Angle = Vertical
- Termination Style = Solder
- Mating Type = Blindmate
- PCB Mount Retention = With
- Guides = With

Electrical Characteristics:
- Mating Functionality = Mate First-Break Last
- Voltage Rating (Signal) (VAC) = 60
- Voltage Rating (Power) (VDC) = 200

Termination Features:
- Termination Post Length (mm [in]) = 3.43 [0.135]

Body Features:
- Sequencing = Yes
- PCB Mount Retention Type = Boardlock(s)
- Connector Configuration Orientation = Right-to-Left
- Centerline, DC Module (mm [in]) = 6.35 [0.250]
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Contact Features:
- Contact Type = Socket
- Contact Material (Power) = High Conductivity Copper
- Contact Material (Signal) = High Conductivity Copper
- Contact Plating, Mating Area, Material = Gold (30)

Housing Features:
- Connector Style = Receptacle
- Housing Material = High Temperature Thermoplastic

Configuration Features:
- Total Number of DC Power = 8
- Total Number of AC Power = 0
- Total Number of Coax = 0
- Total Number of Signal = 24
- Connector Contact Configuration (No. of Pos./Type) = 8/DC Power, 24/Signal

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°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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