

6-6450550-9 Product Details

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TE Internal Number: 6-6450550-9

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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
- Connector Assembly
- Connector Style = Receptacle
- Contact Type = Socket

View all Features

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Documentation & Additional Information	
Product Drawings: - None Available 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 T2) 3D Model (IGES, Version T2) 3D Model (STEP, Version T2) List all Documents	Related Products: Tooling

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: - Product Series = XL - Connector Type = Connector Assembly - Mount Angle = Vertical - Mating Type = Blindmate - PCB Mount Retention = With - PCB Mount Retention Type = Action/Compliant Tail, Retention Clip/Post - Guides = With Electrical Characteristics: - Voltage Rating (Signal) (VAC) = 60 - Voltage Rating (Power) (VDC) = 200 Termination Features: - Termination Style = Press Fit - Termination Post Length (mm [in]) = 3.43 [0.135] Body Features: - Sequencing = Yes 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 - Centerline, DC Module (mm [in]) = 6.35 [0.250] - Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100] Configuration Features: - Total Number of DC Power = 6 - Total Number of AC Power = 0 - Total Number of Coax = 0 - Total Number of Signal = 16 - Connector Configuration Orientation = Right-to-Left - Mating Functionality = Mate First-Break Last - Connector Contact Configuration (No. of Pos./Type) = 3/DC Power, 16/Signal, 3/DC Power Industry Standards: - RoHS/ELV Compliance = RoHS compliant, ELV compliant - Lead Free Solder Processes = Not relevant for lead free process - 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.