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3-6450830-3 Product Details

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TE Internal Number: 3-6450830-3

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MULTI-BEAM XL and MULTI-BEAM XLE Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

View all Features

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Documentation & Additional Information	
Product Drawings: - RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMB... (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 J2) 3D Model (IGES, Version J2) 3D Model (STEP, Version J2) List all Documents	Related Products: Tooling

Product Features (Please use the Product Drawing for all design activity)	
Product Type Features: - Product Series = XLE - 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) (VDC) = 200 Termination Features: - Termination Style = Solder - Termination Post Length (mm [in]) = 3.43 [0.135] Body Features: - Sequencing = Yes Contact Features: - Contact Type = Pin - Contact Material (Power) = High Conductivity Copper - Contact Material (Signal) = High Conductivity Copper - 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 = 3 - Total Number of AC Power = 4 - Total Number of Coax = 0 - Total Number of Signal = 12 - Connector Configuration Orientation = Left-to-Right - Mating Functionality = Mate First-Break Last, Select Load - Connector Contact Configuration (No. of Pos./Type) = 4/AC Power, Blank, 12/Signal, 3/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 = Variable PCB dimensions, see customer drawing.; No contacts loaded in positions P 1 and P 3.; For additional configurations available, contact Tyco Electronics.