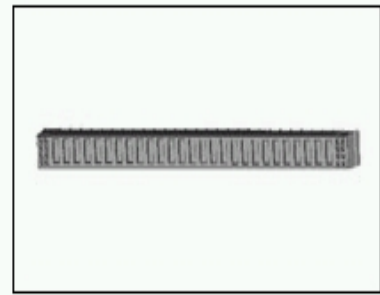




1-6450869-0 Product Details

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1-6450869-0

MULTI-BEAM XL and MULTI-BEAM XLE Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

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

[View all Features](#)

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TE Internal Number: 1-6450869-0

Active

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • VER RECEP ASSEMBLY,W/ LP CONTACTS WITHOUT GUIDES, PR... (PDF, English) <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • 2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1 (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version A) • 3D Model (IGES, Version A) • 3D Model (STEP, Version A) 	<p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
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[List all Documents](#)

Feedback

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

<p>Product Type Features:</p> <ul style="list-style-type: none"> • Product Series = XLE • Connector Type = Connector Assembly • Mount Angle = Vertical • Mating Type = Friction Fit • PCB Mount Retention = With • PCB Mount Retention Type = Action/Compliant Tail • Guides = Without <p>Termination Features:</p> <ul style="list-style-type: none"> • Termination Style = Press Fit • Termination Post Length (mm [in]) = 3.48 [0.137] <p>Body Features:</p> <ul style="list-style-type: none"> • Sequencing = No <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Type = Socket • Contact Material (Power) = High Conductivity Copper • Contact Material (Signal) = High Conductivity Copper • Contact Plating, Mating Area, Material = Gold (30) <p>Housing Features:</p> <ul style="list-style-type: none"> • Connector Style = Receptacle • Housing Material = High Temperature Thermoplastic • Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100] 	<p>Configuration Features:</p> <ul style="list-style-type: none"> • Total Number of DC Power = 0 • Total Number of AC Power = 10 • Total Number of Coax = 0 • Total Number of Signal = 36 • Connector Configuration Orientation = Right-to-Left • Mating Functionality = Standard • Connector Contact Configuration (No. of Pos./Type) = 2/AC Power, 8/Signal, 4/AC Power, 16/Signal, 2/AC Power, 12/Signal, 2/AC Power <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 <p>Operation/Application:</p> <ul style="list-style-type: none"> • Application Use = Board-to-Board <p>Other:</p> <ul style="list-style-type: none"> • Brand = AMP • Comment = For additional configurations available, contact Tyco Electronics.
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