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## 292492-1 Product Details



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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

# 292492-1

TE Internal Number: 292492-1











Related Products:

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# **Documentation & Additional Information**

#### Product Drawings:

None Available

#### Catalog Pages/Data Sheets:

2 PIECE POWER CONNECTORS grg 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 A)
- 3D Model (IGES, Version A)
- 3D Model (STEP, Version A)

List all Documents

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

### Product Type Features:

- Product Series = XL
- Connector Type = Header
- Mount Angle = Right Angle
- <u>Termination Style</u> = Press Fit
- Mating Type = Blindmate PCB Mount Retention = With
- Guides = With

### **Electrical Characteristics:**

Voltage Rating (Power) (VDC) = 200

## **Termination Features:**

Termination Post Length (mm [in]) = 3.05 [0.120]

### **Body Features:**

- Sequencing = No
- PCB Mount Retention Type = Compliant Posts
- Connector Configuration Orientation = Left-to-Right
- 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 = Pin
- Contact Material (Power) = High Conductivity Copper
- Contact Plating, Mating Area, Material = Gold (30)

### **Housing Features:**

- Connector Style = Plug
- 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) = 4/DC Power, 24/Signal, 4/DC Power

### 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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