

## 6-6450830-1 Product Details

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### MULTI-BEAM XL and MULTI-BEAM XLE Connectors

MBXL R/A HDR 3HDP+1LP+24S+1LP+3HDP

**6-6450830-1**

TE Internal Number: 6-6450830-1

**Active**

#### Product Highlights [View All](#)

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

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**Please Note:**  
 Use the Product Drawing for all design activity

#### Product Type Features

Product Series	XLE
Connector Type	Connector Assembly
Mount Angle	Right Angle
Mating Type	Blindmate
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock(s)
Guides	With

#### Housing Features

Connector Style	Plug
Housing Material	High Temperature Thermoplastic
Centerline, DC Module (mm [in])	5.08 [0.200]
Centerline, Matrix (mm [in])	2.54 x 2.54 [.100 x .100]

#### Electrical Characteristics

Voltage Rating (Signal (VAC))	60
Voltage Rating (Power (VDC))	200

#### 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 Configuration Orientation** Left-to-Right

**Mating Functionality** Mate Last-Break First

**Connector Contact Configuration (No. of Pos./Type)** 4/DC Power, 24/Signal, 4/DC Power

#### Termination Features

Termination Style	Solder
Termination Post Length (mm [in])	3.43 [0.135]

#### Body Features

Sequencing	Yes
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#### Industry Standards

RoHS/ELV Compliance	RoHS compliant, ELV compliant
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#### Contact Features

Contact Type	Pin
Contact Material (Power)	High Conductivity Copper
Contact Material (Signal)	High Conductivity Copper
Contact Plating, Mating Area, Material	Noble Metal

Lead Free Solder Processes	Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
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RoHS/ELV Compliance History	Always was RoHS compliant
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#### Operation/Application

Application Use	Board-to-Board
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#### Other

Brand	AMP
Comment	For additional configurations available, contact Tyco Electronics.

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