



6-6450830-1 Product Details

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Active

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

Product Highlights View All

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

Pricing & Availability

Request Sample

Add to My Part List

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Distributor

Feedback

Documents Features Compliance

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 |

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 | Noble Metal |

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] |

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 |

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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