

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

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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

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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