



TE Connectivity: Every Connection Counts
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+ CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

MBXLE R/A HDR 3ACP16S4P

MULTI-BEAM | MULTI-BEAM XLE

5-6450830-3

TE Internal Number: 5-6450830-3

[EU RoHS Compliant](#)

[EU ELV Compliant](#)

Product Type Header

Housing Type Plug

Connector System Board-to-Board

Number of Positions 23

Centerline (Pitch) (mm) 2.54, 2.92, 6.35

Centerline (Pitch) (in) .1, .115, .25

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

RIGHT ANGLE WITH SHORT GUIDES AND LP CONTACTS ASSEMBLY MULTI-BEAM XLE

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

FEATURES

Please review product documents or [contact us](#) for the latest agency approval information.

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

Product Type Features

Product Type Header

Housing Type Plug

Connector System Board-to-Board

Sealable No

Connector & Contact Terminates To Printed Circuit Board

Contact Type Pin

Configuration Features

Number of Positions 23

PCB Mounting Orientation Right Angle

Number of Power Positions 7

Number of Signal Positions 16

Board-to-Board Configuration Right Angle

Electrical Characteristics

Operating Voltage (VAC) 60, 200

Operating Voltage (VDC) 60, 200

Contact Features

Contact Current Rating (Max) (A) 50

Contact Retention Without

Contact Termination Area Plating Material Tin

Contact Mating Area Plating Material Noble Metal

Underplate Material Thickness (µm) 3.43

Power Contact Material Tin

Termination Features

Termination Method to PC Board Through Hole - Solder
Termination Post/Tail Length 3.43 mm [.135 in]

Mechanical Attachment

PCB Mount Retention Type Boardlocks
Mating Retention Type Boardlocks
PCB Mount Retention With

Housing Features

Centerline (Pitch) (mm) 2.54, 2.92, 6.35
Centerline (Pitch) (in) .1, .115, .25
UL Flammability Rating UL 94V-0
Housing Color Black
Housing Material High Temperature Thermoplastic

Usage Conditions

Operating Temperature Range -40 – 125 °C [-40 – 257 °F]
Sealed Condition Not Sealed

Operation/Application

Circuit Application Power, Signal
Special Features Sequencing

Industry Standards

Glow Wire Rating High Temperature Part - Not Glow Wire

Packaging Features

Packaging Method Tray

Statement of Compliance

Statement of Compliance
PDF
