



CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

MBXL R/A HDR DB 12S+11P

[MULTI-BEAM](#) | [MULTI-BEAM XL](#)

1892301-1

TE Internal Number: 1892301-1

[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, 5.08, 9.52, 15.24

Centerline (Pitch) (in) .1, .2, .375, .6

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

RIGHT ANGLE HEADER ASSY,W/GUIDES,DUAL-BEAM XL

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

Catalog Pages/Data Sheets

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

PDF

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 11

Number of Signal Positions 12

Board-to-Board Configuration Right Angle

Electrical Characteristics

Operating Voltage (VAC) 60

Operating Voltage (VDC) 60

Contact Features

Contact Current Rating (Max) (A) 42

Contact Retention Without

Contact Termination Area Plating Material Tin

Contact Mating Area Plating Material Gold

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, 5.08, 9.52, 15.24

Centerline (Pitch) (in) .1, .2, .375, .6

UL Flammability Rating UL 94V-0

Housing Color Black

Housing Material High Temperature Thermoplastic

Usage Conditions

Operating Temperature Range -20 – 105 °C [-4 – 221 °F]

Sealed Condition Not Sealed

Operation/Application

Circuit Application Power, Signal

Industry Standards

Glow Wire Rating High Temperature Part - Not Glow Wire

Packaging Features

Packaging Method Tray

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
