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CONNECTORS

RECTANGULAR POWER CONNECTORS



✔ Active

**TE CONNECTIVITY (TE)**

# MBXL VERT HDR 4P+16S+3P

MULTI-BEAM | MULTI-BEAM XL

2-6600333-5
TE Internal Number: 2-6600333-5

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, 6.35

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

**PRODUCT DRAWING**
English

**3D PDF**

## DOCUMENTATION —

Product Drawings

**VERTICAL HEADER ASSEMBLY, W/GUIDES, PRESS FIT, TYPE PSP MULTI-BEAM XL**
PDF
**English**

CAD Files

**Customer View Model**
2D_DXF.ZIP
**English**

**3D PDF**
PDF

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**3D**

**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** Vertical
**Number of Power Positions** 7
**Number of Signal Positions** 16
**Board-to-Board Configuration** Vertical

### Electrical Characteristics

**Operating Voltage (VAC)** 60, 200
**Operating Voltage (VDC)** 60, 200

### Contact Features

**Contact Current Rating (Max) (A)** 42
**Contact Retention** Without
**Contact Mating Area Plating Material** Noble Metal
**Contact Termination Area Plating Thickness** 50 µm [ 50 µin ]
**Underplate Material Thickness** 3.05 µm [ 50 µin ]
**Power Contact Material** Tin

### Termination Features

**Termination Method to PC Board** Through Hole - Press-Fit
**Termination Post/Tail Length** 3.05 mm [ .12 in ]

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Mechanical Attachment

**PCB Mount Retention** With
**PCB Mount Retention Type** Retention Clip/Post
**Mating Retention Type** Retention Clip/Post

Housing Features

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

Dimensions

**PCB Thickness (Recommended)** 1.57 mm [ .062 in ]

Usage Conditions

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

## PRODUCT COMPLIANCE

Statement of Compliance

**Statement of Compliance**
PDF

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