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CONNECTORS

RECTANGULAR POWER CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

MBXL VERT HDR 10P+24S+12P

MULTI-BEAM | MULTI-BEAM XL

2-6600333-4
TE Internal Number: 2-6600333-4

EU RoHS Compliant
EU ELV Compliant

Product Type Header

Housing Type Plug

Connector System Board-to-Board

Number of Positions 46

Centerline (Pitch) 2.54 mm [.1 in]

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
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

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Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

3D

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 46
PCB Mounting Orientation Vertical
Number of Power Positions 22
Number of Signal Positions 24
Board-to-Board Configuration Vertical

Electrical Characteristics

Operating Voltage (VAC) 60
Operating Voltage (VDC) 60

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

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
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

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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