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CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

20 MODII HDR SRST UNSHRD STKG

AMPMODU | AMPMODU Headers

7-146458-0
TE Internal Number: 7-146458-0

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug

Number of Positions 20

Centerline (Pitch) 2.54 mm [.1 in]

Stack Height 7.62 mm [.3 in]

Contact Mating Area Plating Material Tin

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

HEADER ASSEMBLY, MOD II, STACKING, SINGLE ROW, .025 SQ.POST, UNSHROUDED
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

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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

Connector Style Plug
Connector & Contact Terminates To Printed Circuit Board
Series AMPMODU
PCB Mounting Orientation Vertical
Connector Type Header
Product Type Connector

Configuration Features

Stackable Yes
Number of Positions 20
Number of Rows 1

Electrical Characteristics

Insulation Resistance (MΩ) 5000

Body Features

Post Size .64 mm [.025 in]

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness (µin) 100 – 200
Contact Current Rating (Max) (A) 3
Contact Base Material Copper Alloy
Contact Type Pin
Contact Layout Inline
Solder Tail Contact Plating Thickness (µin) 100 – 200

Termination Features

Termination Method to PC Board Through Hole
Termination Post Length 13.54 mm [.533 in]

Mechanical Attachment

PCB Mount Retention Without

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Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material Thermoplastic
Housing Color Black

Dimensions

Stack Height 7.62 mm [.3 in]
Mating Post Length 2.79 mm [.109 in]
Tail Length 3.12 mm [.123 in]

Usage Conditions

Operating Temperature Range (°C) -65 – 125

Operation/Application

Pick and Place Cover Without
For Use With Receptacle Assembly

Industry Standards

Approved Standards CSA LE7189, UL E28476
UL Flammability Rating UL 94V-0

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

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