TE Connectivity: Every Connection Counts
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CONNECTORS

BOARD-TO-BOARD HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

04 MODII HDR DRST UNSHRD STKG

AMPMODU | AMPMODU Headers

5-146496-2
TE Internal Number: 5-146496-2

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug

Number of Positions 4

Centerline (Pitch) 2.54 mm [.1 in]

Stack Height 20.32 mm [.8 in]

Packaging Method Carton

PRODUCT DRAWING
English

DOCUMENTATION

Product Drawings

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

Product Environmental Compliance

TE Material Declaration

MD_5-146496-2_05052014855_dmtec
PDF
English

FEATURES

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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
Row-to-Row Spacing 2.54 mm [.1 in]
Series AMPMODU
PCB Mounting Orientation Vertical
Connector Type Header
Boss Without
Product Type Connector

Configuration Features

Stackable Yes
Number of Positions 4
Number of Rows 2

Electrical Characteristics

Insulation Resistance (MΩ) 5000

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Solder Tail Contact Plating Material Finish Tin: Matte
Contact Shape Square
Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness (µin) 100 – 200
Contact Mating Area Plating Material Finish Matte
Contact Current Rating (Max) (A) 3
Contact Base Material Brass
Contact Type Pin
Solder Tail Contact Plating Thickness (µin) 100 – 200

Termination Features

Termination Method to PC Board Through Hole
Termination Post Length 26.16 mm [1.03 in]

Mechanical Attachment

PCB Mount Retention Without

Housing Features

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

Dimensions

Stack Height 20.32 mm [.8 in]
Mating Post Length 2.79 mm [.109 in]
Tail Length 3.05 mm [.12 in]

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Usage Conditions

Operating Temperature Range (°C) -65 – 125

Operation/Application

Assembly Process Feature None
Pick and Place Cover Without
For Use With Receptacle Assembly

Industry Standards

Approved Standards CSA LR7189, UL E28476
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Carton
Packaging Quantity 198

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

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