



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

03 MODII HDR SR SFMNT B/A .100

AMPMODU | AMPMODU Headers

5-147118-1

TE Internal Number: 5-147118-1

EU RoHS Compliant

EU ELV Compliant

Number of Positions 3

Centerline (Pitch) 2.54 mm [.1 in]

Connector & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Breakaway

PRODUCT DRAWING
English

DOCUMENTATION

Product Drawings

S/M HEADER ASSEMBLY, MOD II, B/W, VERTICAL,

PDF

English

Catalog Pages/Data Sheets

1-1773720-9_AMPMODU_MOD_IV_V_QRG

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_5-147118-1_07252016847_dmtec

PDF

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 & Contact Terminates To Printed Circuit Board

Connector Style Plug

Header Type Breakaway

PCB Mounting Orientation Vertical

Connector Type Header

Row-to-Row Spacing 2.54 mm [.1 in]

Gasket Without

Profile Standard

Product Type Connector

Stabilizers Without

Board Standoff Without

Strain Relief Without

Configuration Features

Selectively Loaded No

Number of Positions 3

Number of Rows 1

Keyed No

Electrical Characteristics

Dielectric Withstanding Voltage 750 V

Body Features

Post Size .64 mm [.025 in]

Contact Features

Solder Tail Contact Plating Material Tin-Lead over Nickel

Contact Shape Square

Contact Current Rating (Max) (A) 3

Contact Base Material Copper Alloy

Contact Mating Area Plating Thickness (µin) 30

Contact Type Pin

Contact Mating Area Plating Material Gold

Termination Features

Termination Method to PC Board Surface Mount

Termination Post Length (in) .192

Termination End Plating Thickness (µin) 100 – 200

Termination End Plating Material Tin

Mechanical Attachment

Panel Mount Feature Without
Mating Connector Lock Without
PCB Mounting Style Surface Mount
PCB Mount Retention Without
Mating Alignment With

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]
Housing Material LCP (Liquid Crystal Polymer), LCP-GF (Liquid Crystal Polymer)
Housing Color Black

Dimensions

Mating Post Length 5.84 mm [.23 in]

Usage Conditions

Operating Temperature Range (°C) -65 – 105
High Temperature Housing No

Operation/Application

High Speed Serial Data Connector No

Industry Standards

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

Packaging Features

Packaging Quantity 350
Packaging Method Tape & Reel

Other

Comment Includes Pick & Place Cap

PRODUCT COMPLIANCE



Statement of Compliance

[Statement of Compliance](#)

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