



CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

03 MODII HDR SR SFMNT B/A .100

AMPMODU | AMPMODU Headers

146132-1

TE Internal Number: 146132-1

Not EU RoHS Compliant

Not 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

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

SURFACE MOUNT HEADER ASSEMBLY, MOD II, BREAKAWAY, VERTICAL, SINGLE ROW, .100 C/L, .025 SQ. POST
PDF

English

CAD Files

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Customer View Model

2D_DXF.ZIP

English

3D PDF

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

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

Voltage (VAC) 30

Body Features

Post Size .64 mm [.025 in]

Contact Features

Solder Tail Contact Plating Material Tin-Lead over Nickel

Contact Protection Without

Contact Shape Square

Contact Current Rating (Max) (A) 3

Contact Base Material Phosphor Bronze

Contact Type Pin

Contact Mating Area Plating Thickness (µin) 100 – 200

Contact Mating Area Plating Material Tin-Lead

Termination Features

Termination Method to PC Board Surface Mount

Termination End Plating Thickness (µin) 100 – 200

Termination End Plating Material Matte Tin-Lead

Termination Post Length (mm) 2.29

Mechanical Attachment

Panel Mount Feature Without

Mating Connector Lock Without

PCB Mounting Style Through Hole

PCB Mount Retention Without

Mating Alignment Without

Housing Features

Centerline (Pitch) 2.54 mm [.1 in]

Housing Material LCP (Liquid Crystal Polymer), LCP-GF (Liquid Crystal Polymer)

Housing Color Black

Dimensions

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

Mating Post Length 5.84 mm [.23 in]

Usage Conditions

Operating Temperature Range (°C) -65 – 125

High Temperature Compatible Yes

High Temperature Housing Yes

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 73

Packaging Method Tube

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
