



CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)

12 MODII HDR SR SFMT B/A T&R

AMPMODU | AMPMODU Headers

147291-4

TE Internal Number: 147291-4

Not EU RoHS Compliant

Not EU ELV Compliant

Number of Positions 12

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

SURFACE MOUNT HEADER ASSEMBLY, MOD II, BREAKAWAY, VERTICAL, SINGLE ROW, .100 X .100 C/L, 025 SQ. POST, WITH PICK AND PLACE CAP

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

Product Type Connector

Stabilizers Without

Board Standoff Without

Strain Relief Without

Configuration Features

Selectively Loaded No

Number of Positions 12

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 Protection Without

Contact Shape Square

Contact Base Material Copper Alloy

Contact Mating Area Plating Thickness (µin) 100 – 200

Contact Type Pin

Contact Mating Area Plating Material Tin-Lead

Termination Features

Termination Method to PC Board Surface Mount

Termination Post Length (in) .05

Termination End Plating Thickness (µin) 100 – 200

Termination End Plating Material Tin-Lead

Mechanical Attachment

Panel Mount Retention Without

Mating Connector Lock Without

PCB Mounting Style Surface Mount

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

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 250

Packaging Method Tape & Reel

Other

Comment Includes Pick & Place Cap

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
