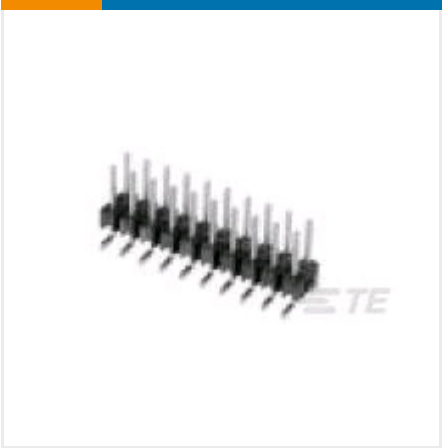




+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)
12/14 MODII HDR DR SFMT B/A T&R, PB-Free
[AMPMODU](#) | [AMPMODU Headers](#)

5-147711-6
TE Internal Number: 5-147711-6

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Number of Positions 14
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

[SURF. MT. HDR. ASSY, MOD II, B/W, VERT, D/R, .100 X .100 C/L, .025 SQ POST, W/ PICK AND PLACE CAP, SELECT LOAD](#)
PDF
English

CAD Files

[3D PDF](#)
PDF
3D

[Customer View Model](#)
2D_DXF.ZIP
English

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 & 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 Yes
- Number of Positions 14
- Number of Rows 2
- 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
- Solder Tail Contact Plating Material Finish Tin: Matte
- Contact Protection Without
- Contact Shape Square
- 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 End Plating Thickness (µin) 100 – 200
Termination End Plating Material Tin

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 Method Tape & Reel

Other

Positions Unloaded Row N - 4

PRODUCT COMPLIANCE +

Statement of Compliance

Statement of Compliance
PDF