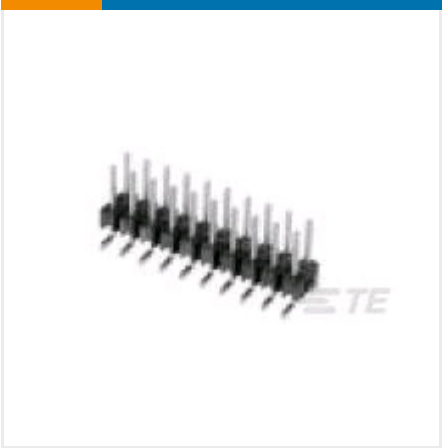




+ CONNECTORS

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

TE CONNECTIVITY (TE)  
10 MODII HDR DR SFMT B/A T&R

AMPMODU | AMPMODU Headers

147292-2  
TE Internal Number: 147292-2

Not EU RoHS Compliant  
Not EU ELV Compliant

Number of Positions 10  
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, D/R, .100 X.100 C/L, .025 SQ POST, W/PICK AND PLACE CAP

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

Product Environmental Compliance

TE Material Declaration

MD\_147292-2\_011120172316\_dmtec

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 10
- 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

**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 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** 250

**Packaging Reel Diameter (mm)** 24

**Packaging Method** Tape & Reel

Other

**Comment** Includes Pick & Place Cap



Statement of Compliance

**Statement of Compliance**

PDF

