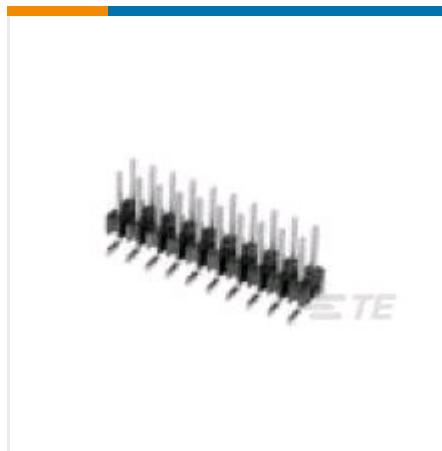




## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ 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

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Product Environmental Compliance

TE Material Declaration

[MD\\_147292-2\\_011120172316\\_dmtec](#)

PDF

English

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## FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

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### 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

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### Configuration Features

**Selectively Loaded** No

**Number of Positions** 10

**Number of Rows** 2

**Keyed** No

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### Electrical Characteristics

**Dielectric Withstanding Voltage** 750 V

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### Body Features

**Post Size** .64 mm [.025 in]

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### 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

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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

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Mechanical Attachment

**Panel Mount Retention** Without

**Mating Connector Lock** Without

**PCB Mounting Style** Surface Mount

**PCB Mount Retention** Without

**Mating Alignment** Without

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Housing Features

**Centerline (Pitch)** 2.54 mm [.1 in]

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

**Housing Color** Black

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Dimensions

**Mating Post Length** 5.84 mm [.23 in]

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Usage Conditions

**Operating Temperature Range (°C)** -65 – 105

**High Temperature Compatible** Yes

**High Temperature Housing** Yes

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Operation/Application

**High Speed Serial Data Connector** No

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Industry Standards

**Approved Standards** CSA LR7189, UL E28476

**UL Flammability Rating** UL 94V-0

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Packaging Features

**Packaging Quantity** 250

**Packaging Reel Diameter (mm)** 24

**Packaging Method** Tape & Reel

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Other

**Comment** Includes Pick & Place Cap

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Statement of Compliance

**Statement of Compliance**

PDF