



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 10 MODII HDR SRST B/A .100CL

AMPMODU | AMPMODU Headers

6-146278-0

TE Internal Number: 6-146278-0

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **2.54 mm [.1 in]**

Number of Positions **10**

Header Type **Breakaway**

Product Drawings

[HEADER ASSEMBLY, MOD II, BREAKAWAY, SINGLE ROW, HIGH TEMPERATURE, VERTICAL, W/.025 SQ. POSTS](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

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[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
English

Product Environmental Compliance

TE Material Declaration

[MD_6-146278-0_070720142315_dmtec](#)

PDF
English

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

Applies To

Printed Circuit Board

Connector Style

Plug

PCB Mounting Orientation

Vertical

Connector Type

Header

| | | |
|----------------------------|---|------------------------------------|
| | Connector Type | Header |
| | Row-to-Row Spacing | 2.54 mm [.1 in] |
| | Stabilizers | Without |
| | Strain Relief | Without |
| | Board Standoff | With |
| | Profile | Standard |
| | Product Type | Connector |
| | Gasket | Without |
| Configuration Features | Number of Positions | 10 |
| | Number of Rows | 1 |
| | Keyed | No |
| | Selectively Loaded | No |
| Electrical Characteristics | Voltage (VAC) | 30 |
| | Dielectric Withstanding Voltage | 750 V |
| Body Features | Header Type | Breakaway |
| | Post Size | .64 mm [.025 in] |
| Contact Features | Contact Protection | Without |
| | Contact Shape | Square |
| | Contact Type | Pin |
| | Contact Base Material | Phosphor Bronze |
| | Contact Mating Area Plating Thickness (µin) | 100 – 200 |
| | Solder Tail Contact Plating Material | Tin over Nickel |
| | Contact Mating Area Plating Material | Tin |
| | Contact Current Rating (A) | 3 |
| Termination Features | Termination Post Length | 3.05 mm [.12 in] |
| | Termination End Plating Thickness (µin) | 100 – 200 |
| | Termination End Plating Material | Matte Tin-Lead |
| | Termination Method to PC Board | Surface Mount, Through Hole |
| Mechanical Attachment | PCB Mounting Style | Through Hole |
| | PCB Mount Retention | Without |
| | Panel Mount Retention | Without |





| | | |
|-----------------------|----------------------------------|---|
| | Mating Alignment | Without |
| | Mating Connector Lock | Without |
| Housing Features | Centerline | 2.54 mm [.1 in] |
| | Housing Color | Black |
| | Housing Material | LCP (Liquid Crystal Polymer), LCP-GF (Liquid Crystal Polymer) |
| Dimensions | PCB Thickness (Recommended) | 1.57 mm [.062 in] |
| | Mating Post Length | 5.84 mm [.23 in] |
| Usage Conditions | Operating Temperature Range (°C) | -65 – 105 |
| | High Temperature Housing | Yes |
| Operation/Application | High Speed Serial Data Connector | No |
| Industry Standards | UL Flammability Rating | UL 94V-0 |
| | Approved Standards | CSA LR7189, UL E28476 |
| Packaging Features | Packaging Quantity | 160 |
| | Packaging Method | Carton |

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

| | | | |
|---|---|--|---|
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