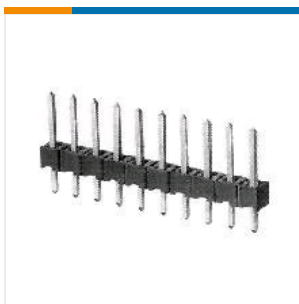




# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## 16 MODII HDR SRST B/A .100CL

AMPMODU | AMPMODU Headers

1-103239-6

TE Internal Number: 1-103239-6

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **16**

Header Type **Breakaway**

### Product Drawings

[HEADER ASSY, MOD II, BREAKAWAY, SINGLE ROW, .100CL, VERTICAL, WITH .025 SQUARE POSTS](#)

PDF  
English

### CAD Files

[Customer View Model](#)

2D\_DXF.ZIP  
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[Customer View Model](#)

3D\_IGS.ZIP  
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[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

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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**

Row-to-Row Spacing

**2.54 mm [ .1 in ]**

Stabilizers

**Without**

Strain Relief

**Without**

|                            |   |                                   |
|----------------------------|---|-----------------------------------|
|                            | Strain Relief                               | <b>Without</b>                    |
|                            | Board Standoff                              | <b>Without</b>                    |
|                            | Product Type                                | <b>Connector</b>                  |
|                            | Gasket                                      | <b>Without</b>                    |
| <hr/>                      |   |                                   |
| Configuration Features     | Number of Positions                         | <b>16</b>                         |
|                            | Number of Rows                              | <b>1</b>                          |
|                            | Keyed                                       | <b>No</b>                         |
|                            | Selectively Loaded                          | <b>No</b>                         |
| <hr/>                      |   |                                   |
| Electrical Characteristics | Dielectric Withstanding Voltage             | <b>750 V</b>                      |
| <hr/>                      |   |                                   |
| Body Features              | Header Type                                 | <b>Breakaway</b>                  |
|                            | Post Size                                   | <b>.64 mm [ .025 in ]</b>         |
| <hr/>                      |   |                                   |
| Contact Features           | Contact Protection                          | <b>Without</b>                    |
|                            | Contact Shape                               | <b>Square</b>                     |
|                            | Contact Type                                | <b>Pin</b>                        |
|                            | Contact Base Material                       | <b>Phosphor Bronze</b>            |
|                            | Contact Mating Area Plating Thickness (µin) | <b>30</b>                         |
|                            | Solder Tail Contact Plating Material        | <b>Tin-Lead over Nickel</b>       |
|                            | Contact Mating Area Plating Material        | <b>Gold</b>                       |
|                            | Contact Current Rating (A)                  | <b>3</b>                          |
| <hr/>                      |   |                                   |
| Termination Features       | Termination Post Length                     | <b>3.05 mm [ .12 in ]</b>         |
|                            | Termination End Plating Thickness (µin)     | <b>100 – 200</b>                  |
|                            | Termination End Plating Material            | <b>Matte Tin-Lead Over Nickel</b> |
|                            | Termination Method to PC Board              | <b>Through Hole</b>               |
| <hr/>                      |   |                                   |
| Mechanical Attachment      | PCB Mounting Style                          | <b>Through Hole</b>               |
|                            | PCB Mount Retention                         | <b>Without</b>                    |
|                            | Panel Mount Retention                       | <b>Without</b>                    |
|                            | Mating Connector Lock                       | <b>Without</b>                    |
| <hr/>                      |   |                                   |
| Housing Features           | Centerline                                  | <b>2.54 mm [ .1 in ]</b>          |
|                            | Housing Color                               | <b>Black</b>                      |
|                            | Housing Material                            | <b>Thermoplastic</b>              |

|                       |                                  |   |
|-----------------------|----------------------------------|---|
| Dimensions            | Mating Post Length               | <b>5.84 mm [ .23 in ]</b>   |
| Usage Conditions      | Operating Temperature Range (°C) | <b>-65 – 105</b>  |
|                       | High Temperature Housing         | <b>No</b>   |
| Operation/Application | High Speed Serial Data Connector | <b>No</b>   |
| Industry Standards    | UL Flammability Rating           | <b>UL 94V-0</b>   |
|                       | Approved Standards               | <b>CSA LR7189, UL E28476</b>  |
| Packaging Features    | Packaging Quantity               | <b>100</b>  |
|                       | Packaging Method                 | <b>Carton</b>   |
| Other                 | Comment                          | <b>Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult TE Connectivity.</b> |

Product Compliance

[Statement of Compliance](#)  
PDF

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