



CONNECTORS

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

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TE CONNECTIVITY (TE)

### 12 MODII HDR DRRA B/A .100CL

AMPMODU | AMPMODU Headers

102975-6

TE Internal Number: 102975-6

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 **12**

Header Type **Breakaway**



#### Product Drawings

**HEADER ASSY, MOD II, BREAKAWAY, DOUBLE ROW, .100X.100 CL, RIGHT ANGLE WITH .025 SQ POSTS**

PDF  
English

#### CAD Files

##### Customer View Model

2D\_DXF.ZIP  
English

##### 3D PDF

PDF  
English

##### Customer View Model

3D\_IGS.ZIP  
English

##### Customer View Model

3D\_STP.ZIP  
English

Drawing for all design activity.

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Product Type Features	Applies To	<b>Printed Circuit Board</b>
	Connector Style	<b>Plug</b>
	PCB Mounting Orientation	<b>Right Angle</b>
	Connector Type	<b>Header</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Stabilizers	<b>Without</b>
	Strain Relief	<b>Without</b>
	Board Standoff	<b>Without</b>
	Product Type	<b>Connector</b>
Gasket	<b>Without</b>	

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Configuration Features	Number of Positions	<b>12</b>
	Number of Rows	<b>2</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>

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Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 V</b>
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Body Features	Header Type	<b>Breakaway</b>
	Post Size	<b>.64 mm [ .025 in ]</b>

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Contact Features	Contact Protection	<b>Without</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Mating Area Plating Thickness (µin)	<b>15</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>

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Termination Features	Termination Post Length	<b>2.79 mm [ .11 in ]</b>
	Termination End Plating Thickness (µin)	<b>100 – 200</b>
	Termination End Plating Material	<b>Tin-Lead Over Nickel</b>
	Termination Method to PC Board	<b>Through Hole</b>

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Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>
	Mating Connector Lock	<b>Without</b>
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>8.08 mm [ .318 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>50</b>
	Packaging Method	<b>Tray</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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