



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

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

AMPMODU | AMPMODU Headers

103149-8

TE Internal Number: 103149-8

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**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### Product Drawings

[HEADER ASSY, MOD II, BREAKAWAY, DOUBLE ROW, .100X.100 C, RIGHT ANGLE, WITH .025 SQ POSTS](#)

PDF  
English

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_103149-8\\_09042012744](#)

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

**Right Angle**

Connector Type

**Header**

	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>
	Sealed	<b>No</b>
<hr/>		
Configuration Features	Number of Positions	<b>16</b>
	Number of Rows	<b>2</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</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>
	Underplate Material	<b>Nickel</b>
	Contact Type	<b>Pin</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Mating Area Plating Thickness (µin)	<b>30</b>
	Solder Tail Contact Plating Material Finish	<b>Matte</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead</b>
	Contact Mating Area Plating Material	<b>Gold</b>
<hr/>		
Termination Features	Termination Post Length	<b>3.05 mm [ .12 in ]</b>
	Termination End Plating Thickness	<b>2.54 – 5.08 µm [ 100 – 200 µin ]</b>
	Termination End Plating Material	<b>Matte Tin-Lead</b>
	Termination Method to PC Board	<b>Through Hole - Solder</b>
<hr/>		
Mechanical Attachment	PCB Mounting Style	<b>Through Hole-Solder</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>Without</b>
	Mating Connector Lock	<b>Without</b>

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Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>

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Dimensions	Mating Post Length	<b>5.85 mm [ .23 in ]</b>
	Height (in)	<b>.238</b>

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Usage Conditions	High Temperature Compatible	<b>No</b>
	High Temperature Housing	<b>No</b>

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Operation/Application	For Use With	<b>Mates With Receptacles</b>
	High Speed Serial Data Connector	<b>No</b>

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Packaging Features	Packaging Quantity	<b>25</b>
	Packaging Method	<b>Tray</b>

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Product Compliance	<a href="#">Statement of Compliance PDF</a>	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

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