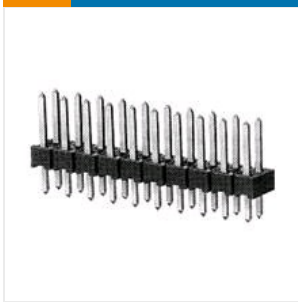




# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

## 80 MODII HDR DRST B/A .100CL

AMPMODU | AMPMODU Headers

9-146258-0

TE Internal Number: 9-146258-0

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **80**

Header Type **Breakaway**

### Product Drawings

[HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, HIGH TEMPERATURE](#)

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

### Catalog Pages/Data Sheets

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTIONS](#)

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**


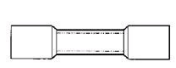


Row-to-Row Spacing

**2.54 mm [ .1 in ]**

	Stabilizers	<b>Without</b>
	Strain Relief	<b>Without</b>
	Board Standoff	<b>With</b>
	Profile	<b>Standard</b>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</b>
<hr/>		
Configuration Features	Number of Positions	<b>80</b>
	Number of Rows	<b>2</b>
	Keyed	<b>No</b>
	Selectively Loaded	<b>No</b>
<hr/>		
Electrical Characteristics	Voltage (VAC)	<b>30</b>
	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>100 – 200</b>
	Solder Tail Contact Plating Material Finish	<b>Tin: Matte</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Current Rating (A)	<b>3</b>
<hr/>		
Termination Features	Termination Post Length	<b>2.29 mm [ .09 in ]</b>
	Termination End Plating Thickness (µin)	<b>100 – 200</b>
	Termination End Plating Material	<b>Matte Tin-Lead</b>
	Termination Method to PC Board	<b>Surface Mount, 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 Alignment	Without
	Mating Connector Lock	Without
Housing Features	Centerline	2.54 mm [ .1 in ]
	Housing Color	Black
	Housing Material	Thermoplastic
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	UL E28476
Packaging Features	Packaging Quantity	50
	Packaging Method	Carton
Other	Comment	Headers are also available in sizes 4 thru 78 positions. When ordering, add the prefix and/or suffix (dash) numbers to the base part number that corresponds to the number of positions per row., Headers without retention tails may be broken to the desired number of positions using Hand Tool 91406-1.
Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p>8X3 MTE RCPT SR LATCH .100CL 5-103960-2</p>	<p>SPLICES</p>  <p>16-14 PRE-INSUL SEALED SPLICE 55825-1</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS &amp; RECEPTACLES</p>  <p>40 MODII HD SRRA B/A .100CL, LF 9-103765-0</p>	<p>THROUGH-HOLE RESISTORS</p>  <p>RGP0207CH 5% 47M RGP0207CHJ47M</p>
--	---	---	---

