



# MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

## 16 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

87589-4

TE Internal Number: 87589-4

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 **Shrouded**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### Product Drawings

[HEADER ASSEMBLY MOD II, .100 C/L .025 SQUARE POST, WITH DETENT](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
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

**Without**

Strain Relief

**Without**

	Board Standoff	<b>Without</b>
	Profile	<b>Standard</b>
	Product Type	<b>Connector</b>
	Gasket	<b>Without</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/>		
Electrical Characteristics	Dielectric Withstanding Voltage	<b>750 Vrms</b>
<hr/>		
Body Features	Header Type	<b>Shrouded</b>
	Post Size	<b>.64 mm [ .025 in ]</b>
<hr/>		
Contact Features	Contact Protection	<b>With</b>
	Contact Shape	<b>Square</b>
	Contact Type	<b>Pin</b>
	Contact Mating Area Plating Material Finish	<b>Bright</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-Lead: Bright</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead over Nickel</b>
	Contact Mating Area Plating Material	<b>Tin-Lead</b>
	Contact Protection Type	<b>Shrouded</b>
Contact Current Rating (A)	<b>3</b>	
<hr/>		
Termination Features	Termination Post Length	<b>3.18 mm [ .125 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>
<hr/>		
Mechanical Attachment	PCB Mounting Style	<b>Through Hole</b>
	PCB Mount Retention	<b>Without</b>
	Mating Connector Lock Type	<b>Detent Windows</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>

Mating Alignment	<b>With</b>
Mating Connector Lock	<b>With</b>
Mating Alignment Type	<b>Polarization</b>

---

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Nylon-GF</b>
	Housing Style	<b>4-Sided</b>

---

Dimensions	Shrouded End Dimension	<b>1.68 mm [ .066 in ]</b>
	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>208</b>
	Packaging Method	<b>Tray</b>

---

Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)