



## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

### 24 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

87589-8

TE Internal Number: 87589-8

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 **24**

Header Type **Shrouded**

#### 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	Without
	Profile	Standard
	Product Type	Connector
	Gasket	Without
Configuration Features	Number of Positions	24
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No
Electrical Characteristics	Dielectric Withstanding Voltage	750 Vrms
Body Features	Header Type	Shrouded
	Post Size	.64 mm [ .025 in ]
Contact Features	Contact Protection	With
	Contact Shape	Square
	Contact Type	Pin
	Contact Mating Area Plating Material Finish	Bright
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	100 – 200
	Solder Tail Contact Plating Material Finish	Tin-Lead: Bright
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Mating Area Plating Material	Tin-Lead
	Contact Protection Type	Shrouded
	Contact Current Rating (A)	3
Termination Features	Termination Post Length	3.18 mm [ .125 in ]
	Termination End Plating Thickness (µin)	100 – 200
	Termination End Plating Material	Tin-Lead Over Nickel
	Termination Method to PC Board	Through Hole
Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	Without
	Mating Connector Lock Type	Detent Windows
	Panel Mount Retention	Without
	Mating Alignment	WALL

	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>144</b>
	Packaging Method	<b>Tray</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	