

## MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



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**

✓ Active

[PRODUCT DRAWING](#)

English

[3D PDF](#)

Product Drawings

[HEADER ASEMBLY 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>
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Configuration Features	Number of Positions <b>24</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 Vrms</b>
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Body Features	Header Type <b>Shrouded</b>
	Post Size <b>.64 mm [ .025 in ]</b>
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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>
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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>
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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>

Inviting Alignment

**With**

Mating Connector Lock

**With**

Mating Alignment Type

**Polarization**

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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>	