



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 18 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

87589-5

TE Internal Number: 87589-5

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 **18**

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	Without
	Profile	Standard
	Product Type	Connector
	Gasket	Without
Configuration Features	Number of Positions	18
	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	With

Mating Alignment	With
Mating Connector Lock	With
Mating Alignment Type	Polarization

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

Dimensions	Shrouded End Dimension	1.68 mm [.066 in]
	Mating Post Length	8.08 mm [.318 in]

Usage Conditions	Operating Temperature Range (°C)	-65 – 105
	High Temperature Housing	No

Operation/Application	High Speed Serial Data Connector	No
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Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476

Packaging Features	Packaging Quantity	192
	Packaging Method	Tray

Product Compliance	Statement of Compliance PDF
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[VIEW ALL PRODUCT COMPLIANCE](#)