

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

[PRODUCT DRAWING](#)
English

[3D PDF](#)

TE CONNECTIVITY (TE) 12 MODII HDR DRST SHRD .100CL

AMPMODU | AMPMODU Headers

5-103169-4

TE Internal Number: 5-103169-4

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

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

Number of Positions **12**

Header Type **Shrouded**

Product Drawings

HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, VERTICAL, .100X.100 C/L, WITH .025 SQ POSTS

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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	Without
Strain Relief	Without
Board Standoff	Without
Profile	Standard
Product Type	Connector
Gasket	Without

Configuration Features	Number of Positions	12
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No

Electrical Characteristics	Dielectric Withstanding Voltage	750 Vrms
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Body Features	Header Type	Shrouded
	Post Size	.64 mm [.025 in]

Contact Features	Contact Protection	With
	Contact Shape	Square
	Contact Type	Pin
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (µin)	30
	Solder Tail Contact Plating Material	Tin over Nickel
	Contact Mating Area Plating Material	Gold
	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 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 Connector Lock	With
Mating Alignment Type	Polarization
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Housing Features	Centerline 2.54 mm [.1 in]
	Housing Color Black
	Housing Material Thermoplastic
	Housing Style 4-Sided
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Dimensions	Shrouded End Dimension 3.81 mm [.15 in]
	PCB Thickness (Recommended) 1.397 mm [.055 in]
	Mating Post Length 8.08 mm [.318 in]
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Usage Conditions	Operating Temperature Range (°C) -65 – 105
	High Temperature Housing No
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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
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Packaging Features	Packaging Quantity 208
	Packaging Method Tray
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Product Compliance	Statement of Compliance PDF
	VIEW ALL PRODUCT COMPLIANCE