



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

TE CONNECTIVITY (TE) 22 SYS 50 HDR DRRA UNSHRD AMPMODU | AMPMODU System 50

104746-2
TE Internal Number: 104746-2

Not EU RoHS or ELV Compliant
[Find Compliant Alternatives](#)

Applies To **Printed Circuit Board**

Connector Style **Plug**
Centerline **1.27 mm [.05 in]**
Number of Positions **22**
Header Type **Unshrouded**

Product Drawings

[HDR ASSY,AMPMODU System 50 RT-ANGLE,UNSHROUDED,DBL-ROW](#)
PDF
English

Product Specifications

Application Specification [AMPMODU System 50 Thru-Hole Connectors](#)
PDF
English

Product Environmental Compliance

TE Material Declaration [MD_104746-2_0724201563_dmtec](#)
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	Right Angle
	Connector Type	Header
	Row-to-Row Spacing	2.54 mm [.1 in]
	Stabilizers	Without
	Strain Relief	Without
	Board Standoff	Without
	Profile	Standard

Feature	Standard	
Product Type	Connector	
Gasket	Without	
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Configuration Features	Number of Positions	22
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No
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Electrical Characteristics	Voltage (VAC)	30
	Dielectric Withstanding Voltage	500 V
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Body Features	Header Type	Unshrouded
	Post Size	.381 mm [.015 in]
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Contact Features	Contact Protection	Without
	Contact Shape	Round
	Contact Type	Pin
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Thickness (µin)	150
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Mating Area Plating Material	Tin-Lead
	Contact Current Rating (A)	1
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Termination Features	Termination Post Length	3.45 mm [.136 in]
	Termination End Plating Thickness (µin)	150 – 250
	Termination End Plating Material	Matte Tin-Lead
	Termination Method to PC Board	Through Hole
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Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	Without
	Panel Mount Retention	Without
	Mating Alignment	Without
	Mating Connector Lock	Without
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Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black

Housing Material

Thermoplastic

Housing Style

1-Sided

Dimensions

Mating Post Length

3.048 mm [.12 in]

Usage Conditions

Operating Temperature Range (°C)

-65 – 105

Industry Standards

UL Flammability Rating

UL 94V-0

Approved Standards

CSA LR7189, UL E28476

Packaging Features

Packaging Quantity

90

Packaging Method

Tube, Tube/Box

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)