

MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



TE CONNECTIVITY (TE) 100 SYSTEM 50 HDR DRST SHRD

AMPMODU | AMPMODU System 50

104666-6

TE Internal Number: 104666-6

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 **100**

Header Type **Shrouded**

✓ Active

 **PRODUCT DRAWING**

English

 **3D PDF**

Product Drawings

**HEADER ASSY, VERTICAL SHROUDED DOUBLE ROW W/SIDE & END LATCHES
AMPMODU SYSTEM 50**

PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model
3D_IGS.ZIP
English

Customer View Model
3D_STP.ZIP
English

Product Specifications

Application Specification

AMPMODU System 50 Thru-Hole Connectors
PDF
English

Product Environmental Compliance

TE Material Declaration

MD_104666-6_0724201561_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		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	100
	Number of Rows	2
	Keyed	No
	Selectively Loaded	No

Electrical Characteristics	Voltage (VAC)	30
	Dielectric Withstanding Voltage	500 V

Body Features	Header Type	Shrouded
	Post Size	.381 mm [.015 in]

Contact Features	Contact Protection	Without
	Contact Shape	Round
	Contact Type	Pin
	Contact Base Material	Phosphor Bronze
	Contact Mating Area Plating Thickness (μin)	30
	Solder Tail Contact Plating Material	Tin-Lead
	Contact Mating Area Plating Material	Gold
	Contact Protection Type	Shrouded
	Contact Current Rating (A)	1

Termination Features	Termination Post Length	3.68 mm [.145 in]
	Termination End Plating Thickness (μin)	150 – 250
	Termination End Plating Material	Matte Tin-Lead
	Termination Method to PC Board	Through Hole

Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Retention	Without
	Mating Connector Lock Type	Detent Latching
	Panel Mount Retention	Without
	Mating Alignment	With
	Mating Connector Lock	With
	Mating Alignment Type	Polarization
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Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Material	Thermoplastic
	Housing Style	2-Sided
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Dimensions	Mating Post Length	3.175 mm [.125 in]
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Usage Conditions	Operating Temperature Range (°C)	-65 – 105
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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	7
	Packaging Method	Tube, Tube/Box
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Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

Products - 8 Results

[View All](#)

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Relation Type 

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	PRODUCT - MATING PRODUCTS	
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Connectors - Board-to-Board Headers &
Receptacles
AMPMODU I AMPMODU System 50
**100 SYSTEM 50 RCPT
ASSY DRST - 104078-8**
TE INTERNAL NUMBER: 104078-8

✓ Active

Not EU RoHS or ELV Compliant

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **100**

Packaging Method **Tube,
Tube/Box**

Contact Mating Area Plating
Material **Gold**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Board-to-Board Headers &
Receptacles
AMPMODU I AMPMODU System 50
**100 SYS50 SURFMNT
DRST RCPT - 104550-9**
TE INTERNAL NUMBER: 104550-9

✓ Active

Not EU RoHS or ELV Compliant

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **100**

Packaging Method **Tube,
Tube/Box**

Contact Mating Area Plating
Material **Gold**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Board-to-Board Headers &
Receptacles
AMPMODU I AMPMODU System 50
**100 SYS 50 RCPT ASSY
DRST SN - 5-104078-8**
TE INTERNAL NUMBER: 5-104078-8

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **100**

Packaging Method **Tube,
Tube/Box**

Contact Mating Area Plating
Material **Gold**