



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

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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**

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
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[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
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Material	Thermoplastic
	Housing Style	2-Sided
Dimensions	Mating Post Length	3.175 mm [.125 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	7
	Packaging Method	Tube, Tube/Box
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

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Relation Type ▼


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS





Connectors - Board-to-Board Headers & Receptacles

AMPMODU | 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 | 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 | 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**

