



MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

60 SYSTEM 50 HDR DRST SHRD

AMPMODU | AMPMODU System 50

104666-7

TE Internal Number: 104666-7

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 **60**

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
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_104666-7_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	
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Configuration Features	Number of Positions	60
	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	Shrouded
	Post Size	.381 mm [.015 in]
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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
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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]
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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

Packaging Features	Packaging Quantity	11
	Packaging Method	Tube, Tube/Box

Other	Comment	**Position identification feature omitted on 10 and 12-position headers.
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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 - W-T-B Headers & Receptacles
AMP-LATCH | AMPMODU

**60 RCPT SYSTEM 50,
LEAD FREE - 2-111196-2**

TE INTERNAL NUMBER: 2-111196-2

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

Number of Positions **60**

Number of Rows **2**

Contact Mating Area Plating
Material **Gold**

Contact Mating Area Plating
Thickness **.762 µm**



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

**60 SYS50 SMT RCP DR
SHD SN - 5-147378-6**

TE INTERNAL NUMBER: 5-147378-6

✓ Active

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **60**

Packaging Method **Tape & Reel**

Contact Mating Area Plating
Material **Gold**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - FFC Connectors
FFC | FFC

**060 HOUSING FFC 50CL
DR LATCH - 6-487937-0**

TE INTERNAL NUMBER: 6-487937-0

✓ Active

Always EU RoHS/ELV Compliant

Connector Type **Housing**

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **60**

Number of Rows **2**

