



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

40 SYSTEM 50 RCPT ASSY DRST

[AMPMODU](#) | [AMPMODU System 50](#)

104078-2

TE Internal Number: 104078-2

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

Centerline **1.27 mm [.05 in]**

Number of Positions **40**

Packaging Method **Tube, Tube/Box**

Contact Mating Area Plating Material **Gold**

Product Drawings

[RECEPTACLE ASSEMBLY,VERTICAL, AMPMODU System 50](#)

PDF
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_104078-2_05052014641_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

Connector Style

Receptacle

PCB Mounting Orientation

Vertical

Row-to-Row Spacing

2.54 mm [.1 in]

Applies To

Printed Circuit Board

Product Type

Connector

	Boss	Without
	Series	AMPMODU
	Connector Type	Connector Assembly
Configuration Features	Number of Positions	40
	Number of Rows	2
Electrical Characteristics	Voltage (VAC)	30
	Insulation Resistance (MΩ)	5000
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.762 μm [30 μin]
	Contact Current Rating (A)	4
	Contact Type	Socket
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Solder Tail Contact Plating Thickness (μin)	150
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Through Hole
	Termination Post Length	2.54 mm [.1 in]
Mechanical Attachment	PCB Mount Retention	With
	PCB Mount Retention Type	Hold-Down Posts
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Material	Thermoplastic
	Housing Color	Black
Dimensions	Tail Length	2.54 mm [.1 in]
	Height	8.89 mm [.35 in]
Usage Conditions	Operating Temperature Range (°C)	-65 – 105
Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	Board Standoff
	For Use With	Plug Assembly

Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	20
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 - Multiple Config PCB Headers & Receptacles
AMPMODU I AMPMODU System 50

40 SYSTEM 50 HDR DRST
SHRD - 5-104068-4

TE INTERNAL NUMBER: 5-104068-4

✓ Active

Always EU RoHS/ELV Compliant

Applies To Printed Circuit Board

Connector Style Plug

Centerline 1.27 mm

Number of Positions 40

Header Type Shrouded



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



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5 of 6 EU RoHS/ELV Compliant

Applies To Printed Circuit Board


Connector Style Plug

Centerline 1.27 mm

Number of Positions 40

Header Type Shrouded



PRODUCT - MATING PRODUCTS		
	Connectors - Multiple Config PCB Headers & Receptacles	Always EU RoHS/ELV Compliant
	AMPMODU AMPMODU System 50	Applies To Printed Circuit Board
	40 sys 50 hdr drra shrd sn	Connector Style Plug
	- 5-104069-6	Centerline 1.27 mm
	TE INTERNAL NUMBER: 5-104069-6	Number of Positions 40
	✓ Active	Header Type Shrouded