



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

20 SYSTEM 50 RCPT ASSY DRST SN

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

5-104078-1

TE Internal Number: 5-104078-1

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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

Number of Positions **20**

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
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[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Catalog Pages/Data Sheets

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4](#)

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

RoHS


Without

	0033	without
	Series	AMPMODU
	Connector Type	Connector Assembly
Configuration Features	Number of Positions	20
	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 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	38
Product Compliance		
Statement of Compliance PDF		
VIEW ALL PRODUCT COMPLIANCE		

CUSTOMERS ALSO BOUGHT

MULTIPLE CONFIGURATION
PCB HEADERS & RECEPTACLES




20 sys 50 hdr drsta shrd sn
5-104069-1

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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 20 SYS 50 HDR DRST UNSHRD SN - 5-103916-2 TE INTERNAL NUMBER: 5-103916-2 <div>✓ Active</div>	<div>Always EU RoHS/ELV Compliant</div> <div>Applies To Printed Circuit Board</div> <div>Connector Style Plug</div> <div>Centerline 1.27 mm</div> <div>Number of Positions 20</div> <div>Header Type Unshrouded</div>

RELATIONSHIP



PRODUCT - MATING PRODUCTS

Connectors - Multiple Config PCB Headers & Receptacles
AMPMODU | AMPMODU System 50
20 SYSTEM 50 HDR DRST SHRD - 5-104068-1
TE INTERNAL NUMBER: 5-104068-1

✓ Active

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **20**

Header Type **Shrouded**


✓

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - Multiple Config PCB Headers & Receptacles
AMPMODU | AMPMODU System 50
20 sys 50 hdr drra shrd sn - 5-104069-1
TE INTERNAL NUMBER: 5-104069-1

✓ Active

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **20**

Header Type **Shrouded**

✓