



BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

20 SYSTEM 50 RCPT ASSY DRST

AMPMODU | AMPMODU System 50

104078-1

TE Internal Number: 104078-1

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

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

Number of Positions **20**

Packaging Method **Tube, Tube/Box**

Contact Mating Area Plating Material **Gold**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

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
English

[3D PDF](#)

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	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-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

38

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 15 Results

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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 | AMPMODU System 50

20 SYS 50 HDR DRRA UNSHRD SN - 5-104118-7

TE INTERNAL NUMBER: 5-104118-7

✓ Active

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **20**

Header Type **Unshrouded**



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 SYSTEM 50 HDR DRST SHRD - 104666-1

TE INTERNAL NUMBER: 104666-1

✓ Active

5 of 6 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 &

Always EU RoHS/ELV Compliant





Connectors - Multiple Config PCB Headers & Receptacles

AMPMODU | AMPMODU System 50

20 SYSTEM 50 HDR DRST

SHRD SN - 5-104666-1

TE INTERNAL NUMBER: 5-104666-1

✓ Active

Always ESD/ROHS/RELFY Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **20**

Header Type **Shrouded**