



## BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

### 60 SYS50 SURFMNT DRST RCPT

AMPMODU | AMPMODU System 50

104550-7

TE Internal Number: 104550-7

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

Connector Style **Receptacle**

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

Number of Positions **60**

Packaging Method **Tube, Tube/Box**

Contact Mating Area Plating Material **Gold**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

#### Product Drawings

[RECEPTACLE ASSEMBLY, VERTICAL, DOUBLE ROW, SURFACE MOUNT, AMPMODU System 50](#)

PDF  
English

#### CAD Files

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[3D PDF](#)

PDF  
English

#### Product Specifications

Application Specification

[AMPMODU System 50 SMT \(Surface Mount Technology\) Receptacles And Headers](#)

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 (in)

**.1**

Applies To

**Printed Circuit Board**

	Product Type	<b>Connector</b>
	Boss	<b>Without</b>
	Series	<b>AMPMODU</b>
	Connector Type	<b>Connector Assembly</b>
Configuration Features	Number of Positions	<b>60</b>
	Number of Rows	<b>2</b>
	Stackable	<b>No</b>
Electrical Characteristics	Voltage (VAC)	<b>30</b>
	Insulation Resistance (MΩ)	<b>5000</b>
Body Features	Hold-Down Post Plating Material	<b>Tin-Lead over Nickel</b>
	Hold-Down Post Material	<b>Copper Alloy</b>
Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.762 μm [ 30 μin ]</b>
	Contact Type	<b>Socket</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead over Nickel</b>
	Solder Tail Contact Plating Thickness (μin)	<b>150</b>
	Contact Base Material	<b>Phosphor Bronze</b>
Termination Features	Termination Method to PC Board	<b>Surface Mount</b>
Mechanical Attachment	PCB Mount Retention	<b>With</b>
	PCB Mount Retention Type	<b>Hold-Down Posts</b>
Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Material	<b>Thermoplastic</b>
	Housing Color	<b>Black</b>
Dimensions	Height	<b>9.398 mm [ .37 in ]</b>
	PCB Thickness (Recommended) (mm)	<b>1.57</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
Operation/Application	Pick and Place Cover	<b>Without</b>

Operation/Application	Back and Face Cover	<b>Without</b>
	Assembly Process Feature	<b>Board Standoff</b>
	For Use With	<b>Plug Assembly</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
	Approved Standards	<b>CSA LR7189, UL E28476</b>
Packaging Features	Packaging Method	<b>Tube, Tube/Box</b>
	Packaging Quantity	<b>11</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 16 Results

[View All](#)

Compare 0/10

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

**60 SYSTEM 50 HDR DRST SHRD - 104666-7**

TE INTERNAL NUMBER: 104666-7

✓ Active

Not EU RoHS or ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **60**

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

**60 SYSTEM 50 HDR DRST SHRD - 104068-6**

TE INTERNAL NUMBER: 104068-6

✓ Active

5 of 6 EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **60**

Header Type **Shrouded**



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 W/O HD - 147378-6**  
TE INTERNAL NUMBER: 147378-6

✓ Active

Not EU RoHS or ELV Compliant

Connector Style **Receptacle**

Centerline **1.27 mm**

Number of Positions **60**

Packaging Method **Tape & Reel**

Contact Mating Area Plating

Material **Gold**



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Board to Board & Mezzanine Connectors](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[10135583-642402LF](#) [89885-310LF](#) [589158040000018](#) [6-1393048-0](#) [68683-613](#) [MDF7-12DP-2.54DSA](#) [MDF7-18P-2.54DSA\(01\)](#) [MDF7-20DP-2.54DSA](#) [MDF7-26D-2.54DSA\(55\)](#) [MDF7-3P-2.54DSA\(01\)](#) [MDF7B-3P-2.54DSA\(55\)](#) [MDF7C-11P-2.54DSA\(55\)](#) [MDF7C-18P-2.54DSA\(55\)](#) [MDF7C-5P-2.54DSA\(01\)](#) [MDF7P-5P-2.54DSA\(55\)](#) [75234-0516](#) [FCN-230C068-11](#) [FCN-268F012-G/BD](#) [FCN-268F036-G/BD](#) [FCN-268M012-G/0D](#) [FCN-268M024-G/1D](#) [FCN-360C008-C](#) [FCN-360C040-C](#) [FCN-723J004/1](#) [MIS-048-01-F-D-DP-K](#) [832-10-034-10-001000](#) [93696-325LF](#) [11828-1FA](#) [AXK630345P](#) [18097-0013](#) [ICA-328STT](#) [2007042-2](#) [304400-2](#) [FCN-214Q030-G/0](#) [FCN-215Q040-G/0](#) [FCN-230C068-ESA](#) [FCN-234P048-G/0](#) [FCN-235D050-G/C](#) [FCN-360A3](#) [FCN-360C040-B](#) [210-93-314-41-105000](#) [2-22603-0](#) [379-064-521-202](#) [MDF7-12P-2.54DSA\(01\)](#) [MDF7-16P-2.54DS\(56\)](#) [MDF7-40DP-2.54DSA\(55\)](#) [MDF7-8P-2.54DSA\(55\)](#) [MDF7B-16P-2.54DSA\(55\)](#) [AXG720047](#) [5031084030](#)