



# HEADERS & RECEPTACLES



## TE CONNECTIVITY (TE) 30 50/50 GRID CABLE RECPT

AMPMODU | AMPMODU 50/50 Grid

104893-3  
TE Internal Number: 104893-3

Not EU RoHS or ELV Compliant  
[Find Compliant Alternatives](#)

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

Number of Positions **30**

Number of Rows **2**

Contact Mating Area Plating Material **Gold**

Contact Mating Area Plating Thickness **.762 µm [ 30 µin ]**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### Product Drawings

[AMPMODU 50/50 GRID CABLE CONN. ASSY](#)

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 50/50 Grid Connectors For SMT PC Board And IDC Ribbon Cable Applications](#)

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

Product Type

**Connector**

Row-to-Row Spacing

**1.27 mm [ .05 in ]**

Connector Type

**Connector Assembly**

Wire/Cable Type

**Ribbon Cable**

	Strain Relief	<b>Without</b>
	Connector Style	<b>Receptacle</b>
	Applies To	<b>Cable</b>
<hr/>		
Configuration Features	Number of Positions	<b>30</b>
	Number of Rows	<b>2</b>
	Backwall/Post Interruptions	<b>Without</b>
<hr/>		
Electrical Characteristics	Operating Voltage (VAC)	<b>30</b>
	Dielectric Withstanding Voltage	<b>300 V</b>
	Insulation Resistance	<b>5000 MΩ</b>
<hr/>		
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</b>
	Underplate Material	<b>Nickel</b>
	Solder Tail Contact Plating Material Finish	<b>Bright</b>
	Contact Termination Area Plating Thickness	<b>1.27 μm [ 50 μin ]</b>
	Tail Plating Thickness	<b>1.27 μm [ 50 μin ]</b>
	Contact Current Rating (A)	<b>.5</b>
	Solder Tail Contact Plating Thickness	<b>50</b>
	Tail Plating Material	<b>Tin-Lead</b>
	Contact Termination Area Plating Material	<b>Tin-Lead</b>
	Contact Termination Area Plating Material Finish	<b>Bright</b>
	Contact Base Material	<b>Phosphor Bronze</b>
<hr/>		
Mechanical Attachment	Mating Retention	<b>With</b>
	Contact Retention	<b>With</b>
	Mating Alignment Type	<b>Keyed</b>
	Contact Retention Type	<b>Locking Lance</b>
	Mating Alignment	<b>With</b>
	Mating Connector Lock	<b>Without</b>
	Mating Retention Type	<b>Polarized Lock</b>
<hr/>		
Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>

	Housing Color	<b>Black</b>
	Housing Material	<b>LCP (Liquid Crystal Polymer)</b>
Dimensions	Length	<b>27.38 mm [ 1.078 in ]</b>
	Height	<b>15.94 mm [ .628 in ]</b>
Usage Conditions	Operating Temperature Range (°C)	<b>-65 – 105</b>
Operation/Application	For Use With	<b>Post Header Assembly</b>
	Pick and Place Cover	<b>Without</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>18</b>
Other	Comment	<b>Covers must be purchased separately. Two are required for each cable connector.</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

Products - 13 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 50/50 Grid

**30 50/50 GRID RA HDR**

**LF - 5-104894-3**

TE INTERNAL NUMBER: 5-104894-3

 Active

[Always EU RoHS/ELV Compliant](#)

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **30**

Header Type **Shrouded**





PRODUCT - MATING PRODUCTS

Connectors - PCB Connector Covers  
AMPMODU | AMPMODU 50/50 Grid

### 30 50/50 GRID CABLE RCPT COVER - 104891-3

TE INTERNAL NUMBER: 104891-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

Number of Positions **30**

Number of Rows **2**

Body Material **Polyester**

Row-to-Row Spacing **1.27 mm**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Multiple Config PCB Headers &  
Receptacles  
AMPMODU | AMPMODU 50/50 Grid

### 30 50/50 HDR SMT.250 W/HD SN - 5-147381-3

TE INTERNAL NUMBER: 5-147381-3

✓ Active

Always EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **30**

Header Type **Shrouded**



PRODUCT - MATING PRODUCTS

Connectors - PCB Connector Covers  
AMPMODU | AMPMODU 50/50 Grid

### 30 50/50 GRID CABLE RCPT COVER - 104891-3

TE INTERNAL NUMBER: 104891-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

Number of Positions **30**

Number of Rows **2**

Body Material **Polyester**

Row-to-Row Spacing **1.27 mm**



RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - PCB Connector Covers  
AMPMODU | AMPMODU 50/50 Grid

### 30 50/50 GRID CABLE RCPT COVER - 104891-3

TE INTERNAL NUMBER: 104891-3

✓ Active

Always EU RoHS/ELV Compliant

Centerline **1.27 mm**

Number of Positions **30**

Number of Rows **2**

Body Material **Polyester**

Row-to-Row Spacing **1.27 mm**



PRODUCT - MATING PRODUCTS

Connectors - Multiple Config PCB Headers &  
Receptacles  
AMPMODU | AMPMODU 50/50 Grid

### 30 50/50 HDR DRST SFMNT .390 - 104693-3

TE INTERNAL NUMBER: 104693-3

✓ Active

5 of 6 EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **30**



