



BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

40 50/50 GRID DRST SFMNT RCPT

AMPMODU | AMPMODU 50/50 Grid

104652-4

TE Internal Number: 104652-4

Not EU RoHS or 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

[ASSEMBLY, RECEPTACLE, VERTICAL, DOUBLE ROW, SURFACE MOUNT, AMPMODU 50/50 GRID CONNECTOR](#)

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

Product Specification

[AMPMODU* 50/50 Grid Connector System](#)

PDF
English

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

Connector Style

Receptacle

PCB Mounting Orientation

Vertical


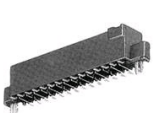


Row-to-Row Spacing

1.27 mm [.05 in]

	Row-to-Row Spacing	1.27 mm [.05 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
Body Features	Hold-Down Post Plating Material	Tin-Lead over Nickel
	Hold-Down Post Plating Thickness	Tin-Lead: 150- Nickel: 50
	Hold-Down Post Material	Copper Alloy
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
	Underplate Material	Nickel
	Contact Base Material	Copper Alloy
Termination Features	Termination Method to PC Board	Surface Mount
Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Polarizing Tab
	PCB Mount Retention	With
	PCB Mount Retention Type	Hold-Down Posts
	Mating Connector Lock	Without
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Material	LCP
	Housing Color	Black

Dimensions	Height	4.75 mm [.187 in]
Usage Conditions	Operating Temperature Range (°C)	-65 – 105
Operation/Application	Pick and Place Cover	Without
	Assembly Process Feature	Board Standoff
	For Use With	Receptacle Assembly
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	17
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>40 50/50 HDR DRST SFMNT TIN 5-104655-5</p> <p>Save to List Find Similar Products</p>	<p>BOARD-TO-BOARD HEADERS & RECEPTACLES</p>  <p>40 50/50 GRID DRST SFMNT RCPT 5-104652-4</p> <p>Save to List Find Similar Products</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>40 50/50 HDR DRST SFMNT.390 SN 5-104693-4</p> <p>Save to List Find Similar Products</p>	<p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>12 MTE HDR SRST LATCH W/HLDWN 1-103670-1</p> <p>Save to List Find Similar Products</p>
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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 50/50 Grid
40 50/50 HDR DRST SFMNT.390 SN
- 5-104693-4
TE INTERNAL NUMBER: 5-104693-4

✓ 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**

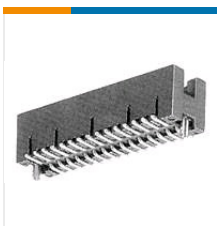


RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Multiple Config PCB Headers & Receptacles
AMPMODU | AMPMODU 50/50 Grid
40 50/50 HDR SMT.250 W/HD VC - 147381-4
TE INTERNAL NUMBER: 147381-4

✓ Active

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**



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
40 50/50 HDR SMT.250 W/HD SN - 5-147381-4
TE INTERNAL NUMBER: 5-147381-4

✓ 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**

