



HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

10 50/50 GRID CABLE RECPT

AMPMODU | AMPMODU 50/50 Grid

104893-1

TE Internal Number: 104893-1

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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

Number of Positions **10**

Number of Rows **2**

Contact Mating Area Plating Material **Gold**

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

Product Drawings

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

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[Customer View Model](#)

3D_IGS.ZIP
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[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
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Product Environmental Compliance

TE Material Declaration

[MD_104893-1_09042012746](#)

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.

	Row-to-Row Spacing	1.27 mm [.05 in]
	Connector Type	Connector Assembly
	Wire/Cable Type	Ribbon Cable
	Strain Relief	Without
	Connector Style	Receptacle
	Applies To	Cable
Configuration Features	Number of Positions	10
	Number of Rows	2
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	30
	Dielectric Withstanding Voltage	300 V
	Insulation Resistance	5000 MΩ
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness	.762 μm [30 μin]
	Contact Type	Socket
	Solder Tail Contact Plating Material	Tin-Lead
	Underplate Material	Nickel
	Solder Tail Contact Plating Material Finish	Bright
	Contact Termination Area Plating Thickness	1.27 μm [50 μin]
	Tail Plating Thickness	1.27 μm [50 μin]
	Contact Current Rating (A)	.5
	Solder Tail Contact Plating Thickness	50
	Tail Plating Material	Tin-Lead
	Contact Termination Area Plating Material	Tin-Lead
	Contact Termination Area Plating Material Finish	Bright
	Contact Base Material	Phosphor Bronze
Mechanical Attachment	Mating Retention	With
	Contact Retention	With
	Mating Alignment Type	Keyed
	Contact Retention Type	Locking Lance
	Mating Alignment	With
	Mating Connector Lock	Without

	Mating Retention Type	Polarized Lock
Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Material	LCP (Liquid Crystal Polymer)
Dimensions	Length	14.68 mm [.578 in]
	Height	15.94 mm [.628 in]
Usage Conditions	Operating Temperature Range (°C)	-65 – 105
Operation/Application	For Use With	Post Header Assembly
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube, Tube/Box
	Packaging Quantity	34
Other	Comment	Covers must be purchased separately. Two are required for each cable connector.
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD CONNECTOR HOUSINGS




MOD 4 REC.HSG 1X03P
925369-3

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PCB CONNECTOR COVERS




10 50/50 GRID CABLE
RCPT COVER
104891-1

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9-1609095-1

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STANDARD CIRCULAR I/O CONNECTORS



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REC PANEL MNT SOLDER
9-1437719-6

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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

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

**10 50/50 GRID CABLE
RCPT COVER - 104891-1**

TE INTERNAL NUMBER: 104891-1

✓ Active

Always EU RoHS/ELV Compliant


Centerline **1.27 mm**

Number of Positions **10**

Number of Rows **2**

Body Material **Polyester**

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



PRODUCT - MATING PRODUCTS

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

**10 50/50 HDR DRST
SFMNT .320 - 104656-1**

TE INTERNAL NUMBER: 104656-1

✓ Active

5 of 6 EU RoHS/ELV Compliant

Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **10**


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 I AMPMODU 50/50 Grid

**10 50/50 HDR DRST
SFMNT TIN - 5-104655-1**

TE INTERNAL NUMBER: 5-104655-1

✓ Active

Always EU RoHS/ELV Compliant


Applies To **Printed Circuit Board**

Connector Style **Plug**

Centerline **1.27 mm**

Number of Positions **10**

Header Type **Shrouded**



PRODUCT - MATING PRODUCTS

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

**10 50/50 GRID CABLE
RCPT COVER - 104891-1**

TE INTERNAL NUMBER: 104891-1

✓ Active

Always EU RoHS/ELV Compliant



Centerline **1.27 mm**

Number of Positions **10**

Number of Rows **2**

Body Material **Polyester**

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

	<div>PRODUCT - MATING PRODUCTS</div>	<div>5 of 6 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 10</div> <div>Header Type Shrouded</div>
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