



CONNECTORS

HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

80 50/50 GRID CBLE RECP W/LTCH

AMPMODU | AMPMODU 50/50 Grid

104892-8

TE Internal Number: 104892-8

Not EU RoHS or ELV Compliant

[Find Compliant Alternatives](#)

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

Number of Positions **80**

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 WITH LATCH](#)

PDF
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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	Without
	Connector Style	Receptacle
	Applies To	Cable
Configuration Features	Number of Positions	80
	Number of Rows	2
	Backwall/Post Interruptions	Without
Electrical Characteristics	Operating Voltage (VAC)	30
	Dielectric Withstanding Voltage	300 V
	Insulation Resistance	5000 MΩ
Body Features	Latch Material	Stainless Steel
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 Base Material	Phosphor Bronze	
Mechanical Attachment	Mating Retention	With

Contact Retention **With**

Mating Connector Lock Type **Latch**

Mating Alignment Type **Polarization**

Mating Alignment **Without**

Mating Connector Lock **With**

Housing Features	Centerline	1.27 mm [.05 in]
	Housing Color	Black
	Housing Material	Thermoplastic

Dimensions	Wire/Cable Size (mm ²)	.08
	Wire/Cable Size (CMA)	159.8
	Length	59.13 mm [2.328 in]
	Height	17.56 mm [.691 in]
	Wire/Cable Size (AWG)	28

Usage Conditions	Operating Temperature Range (°C)	-65 – 105
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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	8

Other	Comment	Covers must be purchased separately. Two are required for each cable connector.
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Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

