



BOARD-TO-BOARD HEADERS & RECEPTACLES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) 12 MODII HORZ SR CE 100CL AMPMODU | AMPMODU

1-535676-1
TE Internal Number: 1-535676-1

Not EU RoHS or ELV Compliant
Find Compliant Alternatives

Connector Style **Receptacle**

Centerline **2.54 mm [.1 in]**

Number of Positions **12**

Packaging Method **Tube, Tube/Box**

Contact Mating Area Plating Material **Gold**

Product Drawings

[AMPMODU MOD II RECEPTACLE ASSEMBLY, HORIZONTAL, .100 CL, SINGLE ROW, CLOSED-ENTRY, SHORT POINT OF CONTACT, END-TO-END STACKABLE](#)
PDF
English

CAD Files

[Customer View Model](#)
2D_DXF.ZIP
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[3D PDF](#)
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[Customer View Model](#)
3D_STP.ZIP
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[Customer View Model](#)
3D_IGS.ZIP
English

Product Specifications

Product Specification [AMPMODU MOD II Interconnection System](#)
PDF
English

Application Specification [AMPMODU Mod II And Mod IV Printed Circuit Board Connectors](#)
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	Right Angle
Row-to-Row Spacing	7.87 mm [.31 in]

Applied Pressure	High, Standard
Profile	Standard
Product Type	Connector
Applies To	Printed Circuit Board
Boss	Without
Series	AMPMODU, MOD II
Sealed	No
Connector Type	Connector Assembly

Configuration Features	Number of Positions	12
	Number of Rows	1
	Stackable	Yes

Electrical Characteristics	Voltage (VAC)	333
	Contact Resistance (M Ω)	12
	Insulation Resistance (M Ω)	5000
	Dielectric Withstanding Voltage (VAC)	750

Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μ in)	30
	Contact Shape	Square
	Contact Current Rating (A)	2
	Contact Type	Socket
	Contact Configuration	Short Point
	Solder Tail Contact Plating Material	Tin-Lead over Nickel
	Contact Layout	Inline
	Solder Tail Contact Plating Thickness (μ in)	50
	Contact Base Material	Phosphor Bronze

Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Post Length	2.92 mm [.115 in]

Mechanical Attachment	PCB Mount Retention	Without
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Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Polyester - GF
	Housing Color	Black

Housing Color

Black

Housing Entry Style

Closed Entry, Side

Dimensions

Height

3.47 mm [.137 in]

PCB Thickness (Recommended)

1.4 – 2.4 mm [.055 – .094 in]

Tail Length (mm)

2.92

Usage Conditions

Operating Temperature Range (°C)

-65 – 105

High Temperature Compatible

Yes

Operation/Application

Pick and Place Cover

Without

Assembly Process Feature

Board Standoff

For Use With

Mates with Headers

Industry Standards

UL Flammability Rating

UL 94V-0

MIL-C-55032

No

Approved Standards

CSA LR7189, UL E28476

Packaging Features

Packaging Method

Tube, Tube/Box

Packaging Quantity

18

Other

Comment

TE recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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