



BOARD-TO-BOARD HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)
12 MODII 2PC CE RCPT ASSY
[AMPMODU](#) | [AMPMODU](#)

532955-1
 TE Internal Number: 532955-1

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**

Contact Mating Area Plating Material **Gold**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[RECEPTACLE ASSY, MOD II, DBL ROW, 2.54 X 2.54 \[.100 X .100\] CL, GUIDE PIN EARS, CLOSED ENTRY,](#)
 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

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	2.54 mm [.1 in]
Product Type	Connector
Applies To	Printed Circuit Board
Boss	Without
Series	AMPMODU

	Connector Type	Connector Assembly
Configuration Features	Number of Positions	12
	Number of Rows	2
Electrical Characteristics	Voltage (VAC)	250
	Insulation Resistance (MΩ)	1000
	Termination Resistance (MΩ)	12
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μin)	15
	Contact Transmits (Typical)	Signal (Data)
	Contact Shape	Square
	Contact Current Rating (A)	3
	Contact Type	Socket
	Solder Tail Contact Plating Material	Tin
	Contact Layout	Inline
	Solder Tail Contact Plating Thickness (μin)	50 – 100
	Contact Base Material	Phosphor Bronze
Termination Features	Termination End Plating Material	Tin-Lead over Nickel
	Termination Method to PC Board	Through Hole - Solder
	Termination Post Length	2.92 mm [.115 in]
Mechanical Attachment	Mating Alignment	With
	Mating Alignment Type	Guide Pin Slots
	PCB Mount Retention	Without
	PCB Mount Alignment	Without
	Mating Retention	Without
Housing Features	Centerline	2.54 mm [.1 in]
	Housing Material	Thermoplastic
	Housing Color	Black
Dimensions	Tail Length	2.921 mm [.115 in]
	Height	8.13 mm [.32 in]
	PCB Thickness (Recommended)	1.57 mm [.062 in]

Usage Conditions	Operating Temperature Range (°C)	-65 – 105
	High Temperature Compatible	Yes
Operation/Application	Assembly Process Feature	Board Standoff
Industry Standards	UL Flammability Rating	UL 94V-0
	Approved Standards	CSA LR7189, UL E28476
Packaging Features	Packaging Method	Tube
	Packaging Quantity	115
Other	Comment	6.50 [.256] minimum positive pin stop to prevent shorting between rows., Receptacle assemblies with low force contacts are available.

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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