

## **BOARD-TO-BOARD HEADERS & RECEPTACLES**





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PRODUCT DRAWING

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3D PDF

TE CONNECTIVITY (TE)
20 MODII VRT DR CE 100/115

AMPMODU | AMPMODU

1-534206-0

TE Internal Number: 1-534206-0

Not EU RoHS or ELV Compliant Find Compliant Alternatives

Connector Style Receptacle

Centerline 2.54 mm [.1 in]

Number of Positions 20

Packaging Method Tube, Tube/Box

Contact Mating Area Plating Material Gold

Product Drawings RECEPTACLE ASSEMBLY, MOD II, DOUBLE ROW, DUAL ENTRY, .100X.100CL,

**VERTICAL MOUNT, AMPMODU** 

PDF **English** 

CAD Files Customer View Model

3D\_STP.ZIP English

Customer View Model

2D\_DXF.ZIP **English** 

3D PDF

PDF **English** 

**Customer View Model** 

3D\_IGS.ZIP **English** 

**Product Specifications** 

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

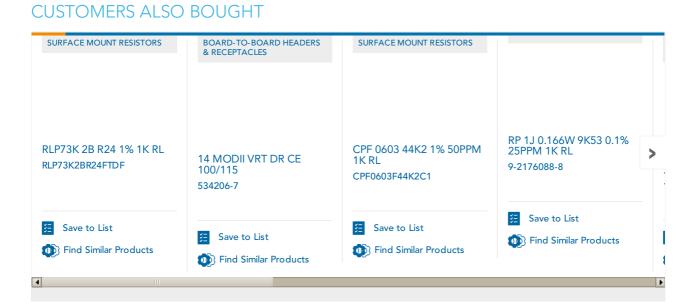
PCB Mounting Orientation Vertical

Row-to-Row Spacing 2.54 mm [.1 in]

Applied Pressure 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	20
	Number of Rows	2
	Stackable	Yes
Electrical Characteristics	Voltage (VAC)	333
	Contact Resistance (M $\Omega$ )	12
	Insulation Resistance (M $\Omega$ )	5000
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µin)	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
	Solder Tail Contact Plating Thickness (μin)	150
	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
Housing Features	Centerline	2.54 mm [ .1 in ]
	Housing Material	Polyester - GF
	Housing Color	Black
	Housing Entry Style	Closed Entry, Top
Dimensions	Height	5.03 mm [ .198 in ]

	PCB Thickness (Recommended)  Tail Length (mm)	1.57 mm [ .062 in ] 2.92
Usage Conditions	Operating Temperature Range (°C) High Temperature Compatible	-65 – 105 No
Operation/Application	Assembly Process Feature For Use With	Board Standoff  Mates with Headers
Industry Standards	UL Flammability Rating MIL-C-55032 Approved Standards	UL 94V-0 No CSA LR7189, UL E28476
Packaging Features	Packaging Method  Packaging Quantity	Tube, Tube/Box 22
Other	Comment	TE recommends mating gold or duplex plated headers with duplex plated receptacle assemblies., To obtain the minimum mating post length, add 0.51 [.020] (not including the post lead in chamfer) to the maximum point-of-contact dimension.
Product Compliance	Statement of Compliance	



VIEW ALL PRODUCT COMPLIANCE