



BOARD-TO-BOARD HEADERS & RECEPTACLES



✓ Active

↓ **PRODUCT DRAWING**
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TE CONNECTIVITY (TE)

12 MODIV VRT DR SFMNT 30AU

[AMPMODU](#) | [AMPMODU](#)

5-147105-6

TE Internal Number: 5-147105-6

Always EU RoHS/ELV Compliant

Connector Style **Receptacle**

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

Number of Positions **12**

Packaging Method **Reel**

Contact Mating Area Plating Material **Gold**

Product Drawings

[RECEPTACLE ASSEMBLY, MOD IV, DOUBLE ROW, DUAL ENTRY, .100X.100CL, SURFACE MOUNT, AMPMODU](#)

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CAD Files

[3D PDF](#)

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3D

[Customer View Model](#)

2D_DXF.ZIP
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Product Specifications

Application Specification

[AMPMODU Mod II And Mod IV Printed Circuit Board Connectors](#)

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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 IV
	Sealed	No
	Connector Type	Connector Assembly
Configuration Features	Number of Positions	12
	Number of Rows	2
	Stackable	Yes
Electrical Characteristics	Voltage (VAC)	250
	Insulation Resistance (MΩ)	5000
	Dielectric Withstanding Voltage (VAC)	750
	Termination Resistance (MΩ)	12
Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (μin)	30
	Contact Current Rating (A)	2
	Contact Type	Socket
	Contact Configuration	Single Tine
	Solder Tail Contact Plating Material	Tin over Nickel
	Solder Tail Contact Plating Thickness (μin)	150 – 300
	Contact Base Material	Phosphor Bronze
Termination Features	Termination Method to PC Board	Surface Mount
	Termination Post Length	1.04 mm [.041 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	Bottom or Top, Closed Entry
Dimensions	Height	6.73 mm [.265 in]

	PCB Thickness (Recommended)	1.4 – 2.4 mm [.055 – .094 in]
Usage Conditions	Operating Temperature Range (°C)	-65 – 125
	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	Reel
	Packaging Quantity	250
Other	Comment	Pick & place compatible with Kapton dot., 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 PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS

RP 1J 86K6 0.1% 15PPM CUT LENGTH
RP73D1J86K6BTDG

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