

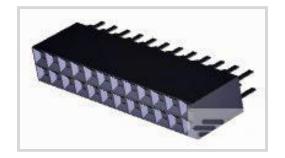
#### AMPMODU | Modu Connector System

TE Internal #: 6-534998-2 PCB Mount Receptacle, Vertical, Board-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gold (Au), Through Hole - Solder, Modu Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles



# PCB Connector Type: PCB Mount Receptacle

PCB Mount Orientation: Vertical

Connector System: Board-to-Board

Number of Positions: 24

Number of Rows: 2

### Features

#### **Product Type Features**

Applied PressureStandardPCB Connector TypePCB Mount ReceptacleConnector SystemBoard-to-Board

Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly
Configuration Features	
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	24
Number of Rows	2
Electrical Characteristics	
Operating Voltage	333 VAC
Insulation Resistance	5000 ΜΩ
Dielectric Withstanding Voltage (Max)	750 VAC
Body Features	
Connector Profile	Low

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Primary Product Color	Black
Contact Features	
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 7.62 μm
Contact Shape & Form	Round
Contact Protection Type	Closed Entry Housing
Contact Mating Area Length	3.77 mm[.148 in]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	2 A
Termination Features	
Rectangular Termination Post & Tail Width	.7 mm[.028 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to PCB	Through Hole - Solder

## Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without
Housing Features	
Mating Entry Location	Тор
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	9.02 mm[.355 in]
PCB Thickness (Recommended)	1.57 mm[.055 – .094 in]
Connector Height	5.03 mm[.198 in]

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### **Usage Conditions**

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
Operation/Application	
Solder Process Feature	Board Standoff
Circuit Application	Signal
Industry Standards	
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	18
Packaging Method	Box, Tube
Product Compliance	

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

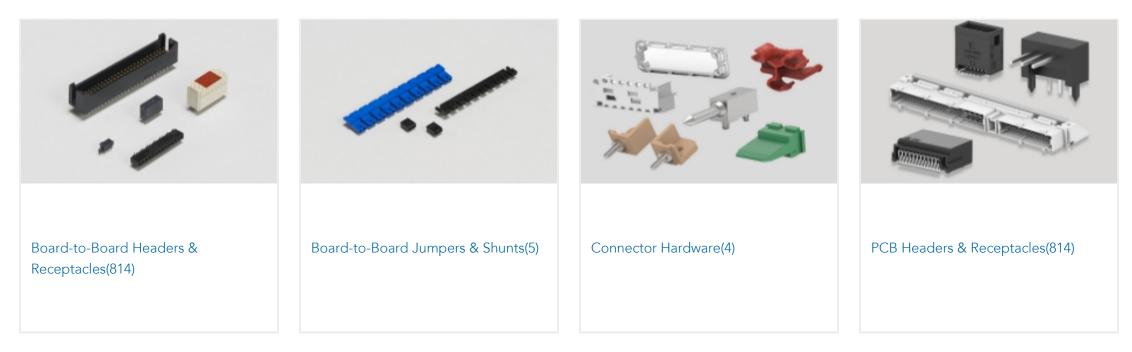
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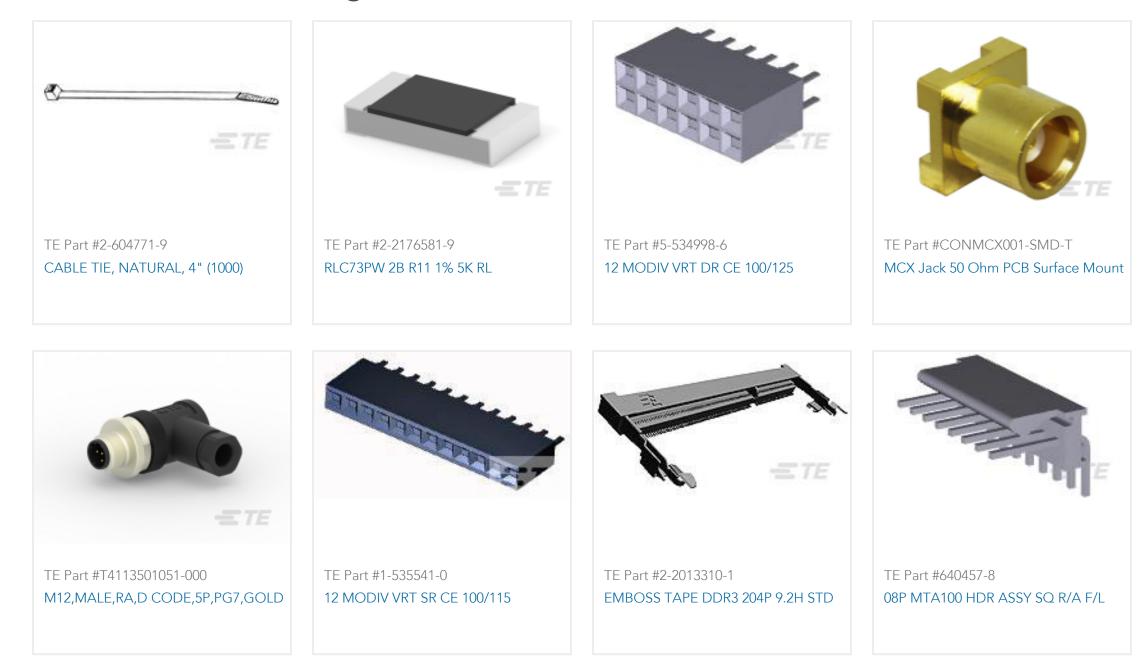
# **Compatible Parts**



# Also in the Series | Modu Connector System



# Customers Also Bought



PCB Mount Receptacle, Vertical, Board-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Gold (Au), Through Hole - Solder, Modu Connector System





# Documents

# Product Drawings 24 MODIV VRT DR CE 100/125

English

### **CAD** Files

Customer View Model ENG\_CVM\_CVM\_6-534998-2\_R.2d\_dxf.zip

English

### 3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-534998-2\_R.3d\_igs.zip

English

Customer View Model

## ENG\_CVM\_CVM\_6-534998-2\_R.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

# Datasheets & Catalog Pages AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5

English

Product Specifications Application Specification

English