

87879-2 ✓ ACTIVE

AMPMODU | AMPMODU IV/V

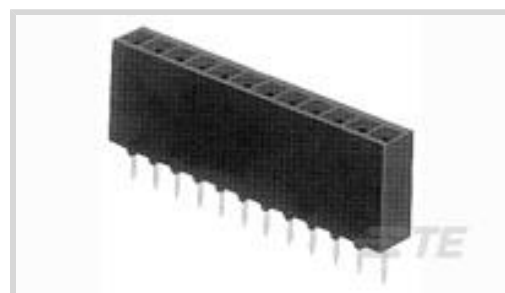
TE Internal #: 87879-2

PCB Mount Receptacle, Vertical, Board-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Black, AMPMODU IV/V

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

Connector System: **Board-to-Board**

Number of Positions: **10**

Number of Rows: **1**

## Features

### Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ

### Dimensions

Stack Height	9.02 mm[.355 in]
PCB Thickness (Recommended)	1.57 mm[.055 – .094 in]
Connector Height	6.79 mm[.268 in]

### Packaging Features

Packaging Quantity	22
Packaging Method	Tube

### Industry Standards

Compatible With Approved Standards Products	UL E28476, CSA LR7189
UL Flammability Rating	UL 94V-0

### Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

### Body Features

Connector Profile	Low
Primary Product Color	Black



### Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

### Termination Features

Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	2.92 mm[.115 in]
Termination Method to PCB	Through Hole - Solder

### Contact Features

Contact Mating Area Plating Material Thickness	.762 $\mu$ m[30 $\mu$ in]
Mating Square Post Dimension	.64 mm[.025 in]
	150 – 300 $\mu$ in
Contact Shape & Form	Dual Tine
Contact Layout	Inline
Contact Protection Type	Closed Entry Housing
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	2 A

### Housing Features

Mating Entry Location	Bottom & Top
Housing Material	Polyester PCT
Centerline (Pitch)	2.54 mm[.1 in]

### Configuration Features

Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	1

### Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
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Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

### Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13.5% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

#### Product Compliance Disclaimer

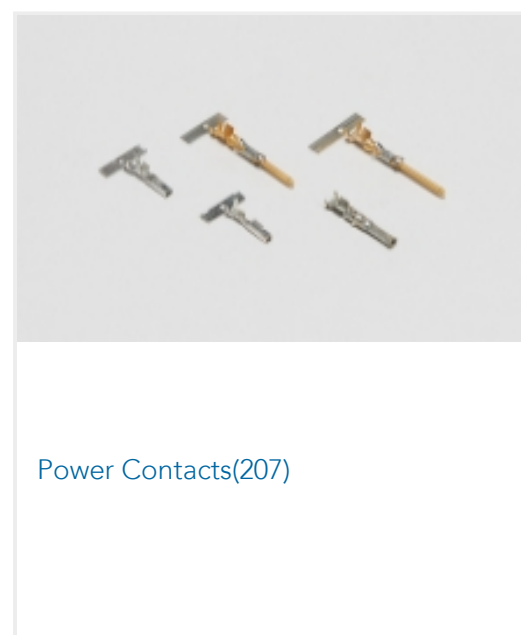
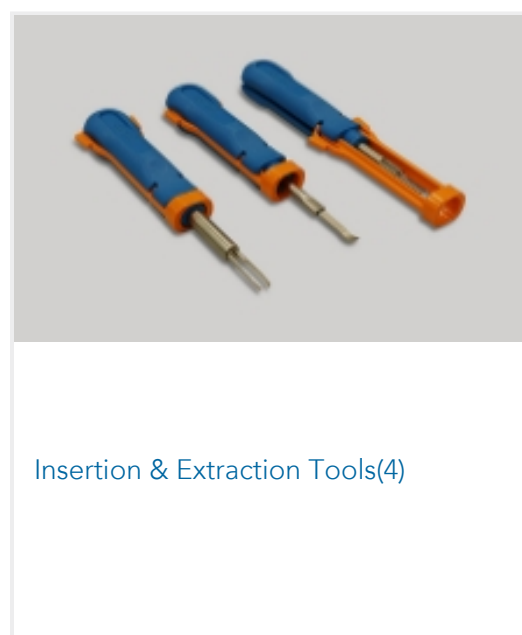
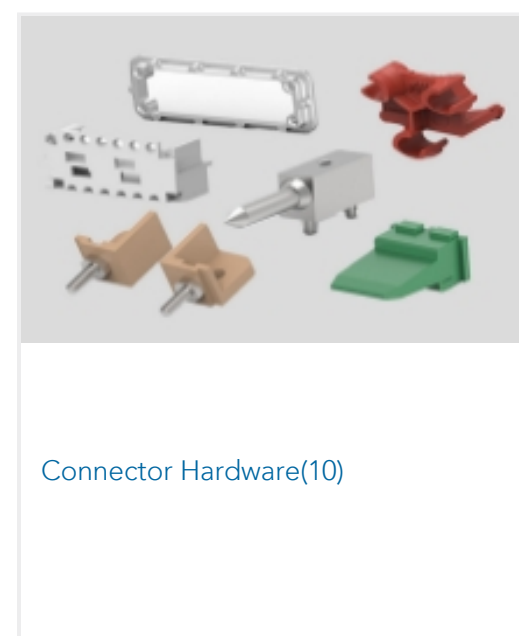
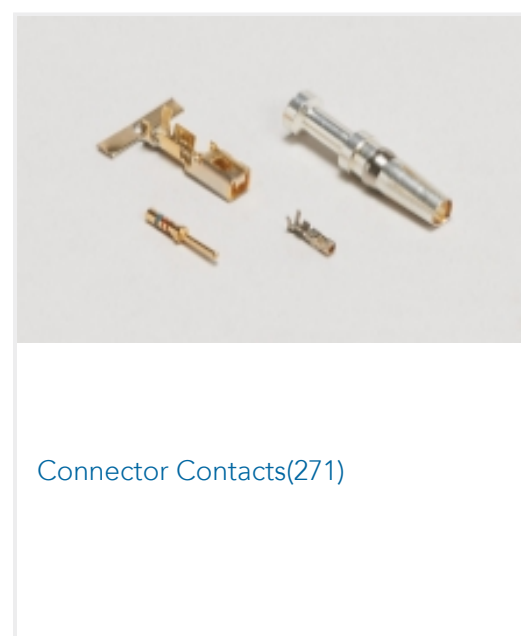
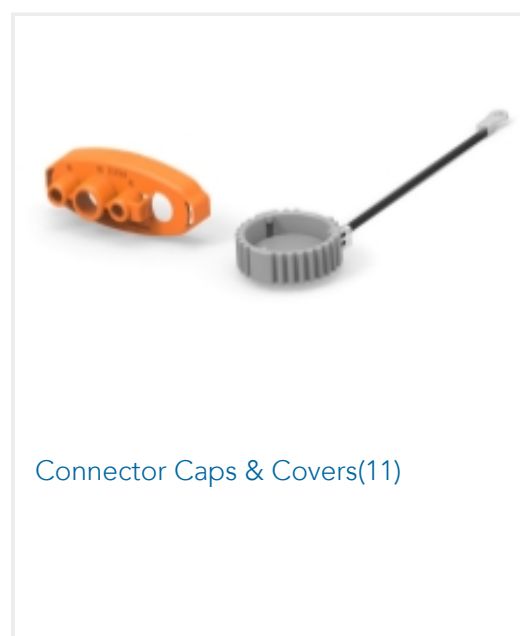
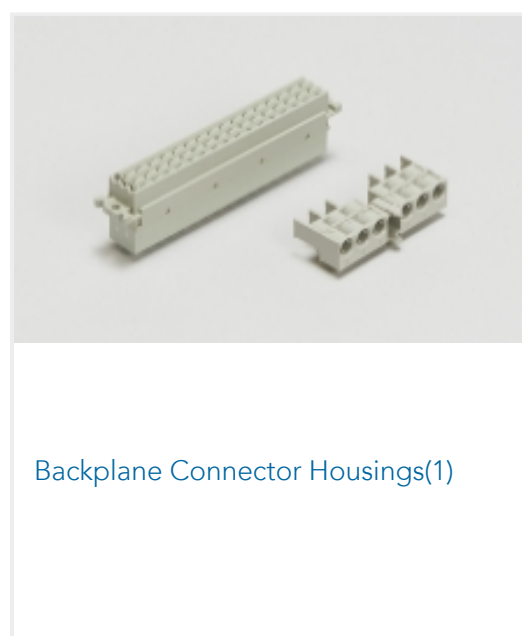
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

## Compatible Parts



## Also in the Series | AMPMODU IV/V



## Customers Also Bought





TE Part #1734290-1  
IEEE 1394, RCPT, 6P, V/T, DIP, H 2.69



TE Part #5650922-5  
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,150 P



TE Part #1-2176092-4  
RP 2A 0.25W 909R 0.1% 25PPM 1K RL



TE Part #2-5747709-0  
37 RCPT SP/FMS BRDLK



TE Part #7-1676914-3  
YR1 0.1% 60K4



TE Part #2-5747707-0  
15 RCPT SP/FMS BRDLK

## Documents

### Product Drawings

[10 MODIV VRT SR OE 100/115](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_87879-2\\_AB.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_87879-2\\_AB.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_87879-2\\_AB.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English