

179437-6 ✓ ACTIVE

AMPMODU | AMPMODU 2 mm

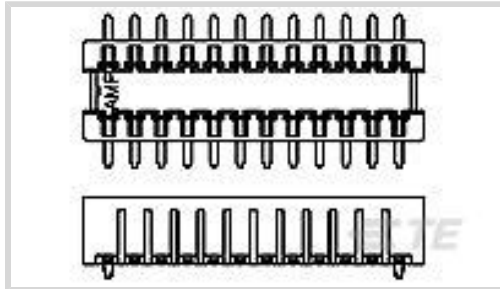
TE Internal #: 179437-6

PCB Mount Receptacle, Vertical, Board-to-Board, 6 Position, 2 mm [.079 in] Centerline, Tin, Surface Mount, Signal, White, AMPMODU 2 mm

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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: **6**

Number of Rows: **2**

## Features

### Product Type Features

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

### Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	6
Number of Rows	2
Board-to-Board Configuration	Parallel

### Electrical Characteristics

Operating Voltage	125 VAC
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### Body Features

Connector Profile	Standard
Primary Product Color	White

### Contact Features

Mating Tab Width	.6 mm[.023 in]
Mating Tab Thickness	.4 mm[.015 in]



Contact Shape & Form	Rectangle
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1 $\mu$ m[39.37 $\mu$ in]
Contact Type	Socket
Contact Current Rating (Max)	1 A

### Termination Features

Rectangular Termination Post & Tail Thickness	.25 mm[.009 in]
Rectangular Termination Post & Tail Width	.6 mm[.023 in]
Termination Method to Printed Circuit Board	Surface Mount

### Mechanical Attachment

PCB Mount Alignment Type	Positioning Bosses
Mating Alignment	With
Mating Alignment Type	Self-Aligning (Alignment Free)
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

### Housing Features

Mating Entry Location	Top
Centerline (Pitch)	2 mm[.079 in]
Housing Material	Nylon 6T

### Dimensions

Connector Height	5.1 mm[.201 in]
Row-to-Row Spacing	4 mm[.157 in]
Stack Height	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

### Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards



UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	800
Packaging Type	Reel

### Product Compliance

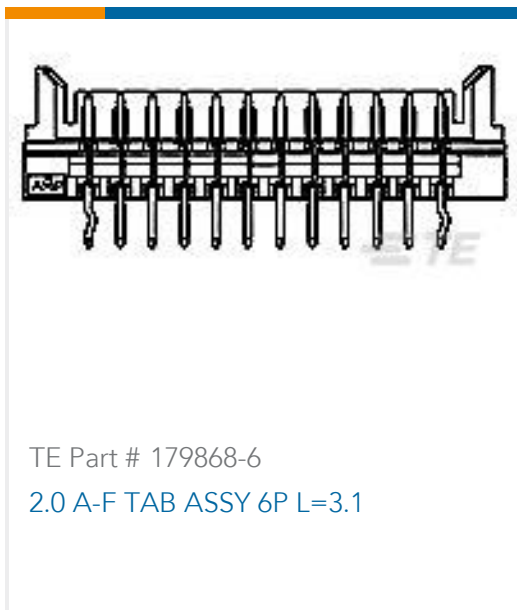
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
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: JUNE 2022 (224) Candidate List Declared Against: JAN 2017 (173) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Reflow solder capable to 245°C

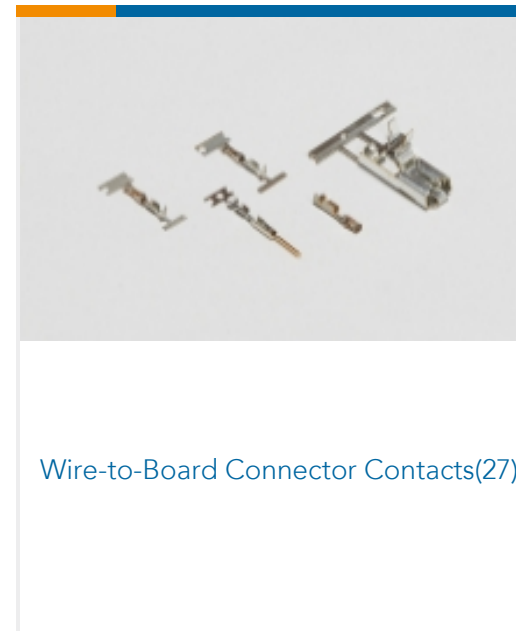
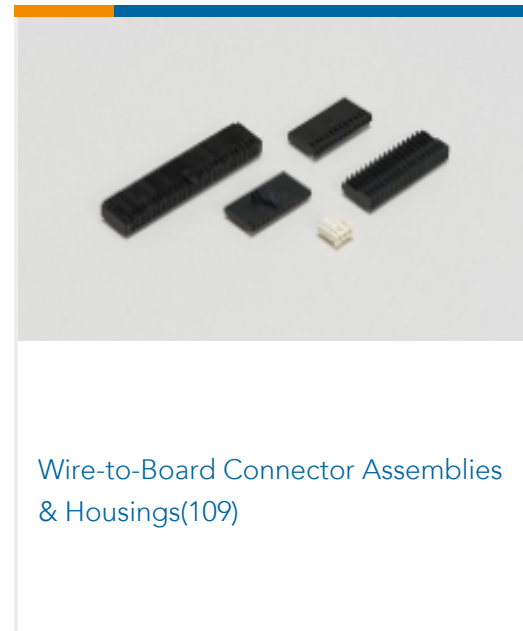
#### Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



## Also in the Series | AMPMODU 2 mm



## Documents

### Product Drawings

2.0 A-F REC ASSY 6P HI-COAT

Japanese

### Product Specifications

2.0 mm Pitch Alignment Free Board to Board Connector

English

2.0 mm Pitch Alignment Free Board to Board Connector

Japanese

### Product Specification

Japanese

### Product Specification

English