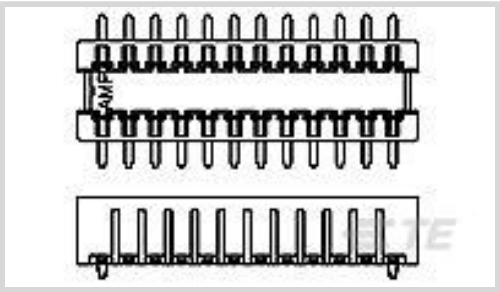




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **22**

Number of Rows: **2**

Features

Product Type Features

PCB Connector Type	PCB Mount Receptacle
Connector System	Board-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	22
Number of Rows	2

Electrical Characteristics

Operating Voltage	125 VAC
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Body Features

Connector Profile	Standard
Primary Product Color	White

Contact Features

Contact Mating Area Plating Material Thickness	1 μm[39.37 μin]
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Mating Tab Width	.6 mm[.023 in]
Contact Shape & Form	Rectangular
Contact Base Material	Copper Alloy
Mating Tab Thickness	.4 mm[.015 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Socket
Contact Current Rating (Max)	1 A

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Product Compliance

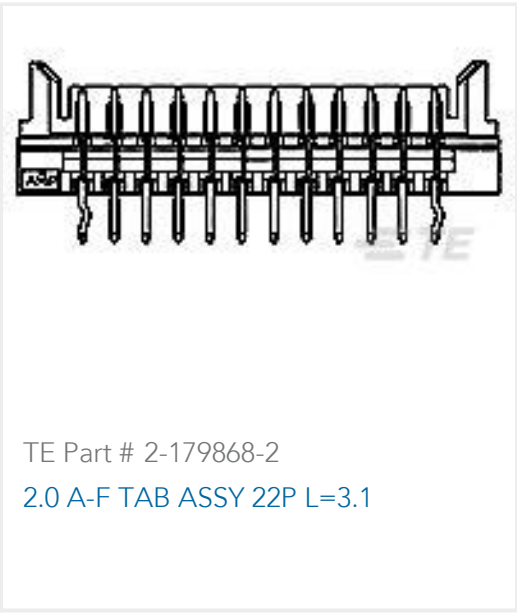
For compliance documentation, visit the product page on [TE.com](#)>

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: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 245°C

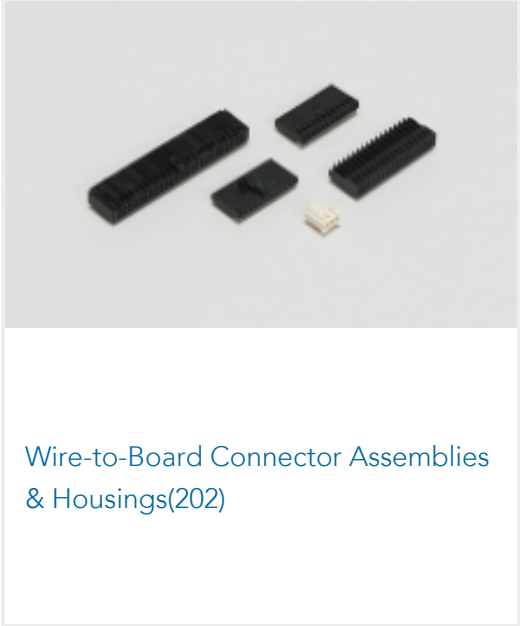
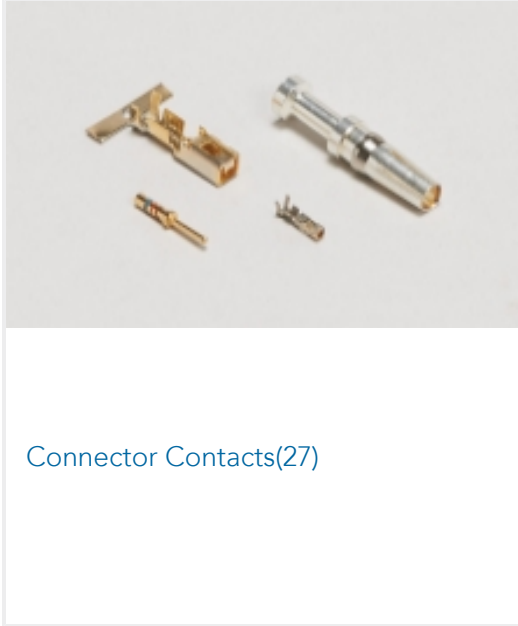
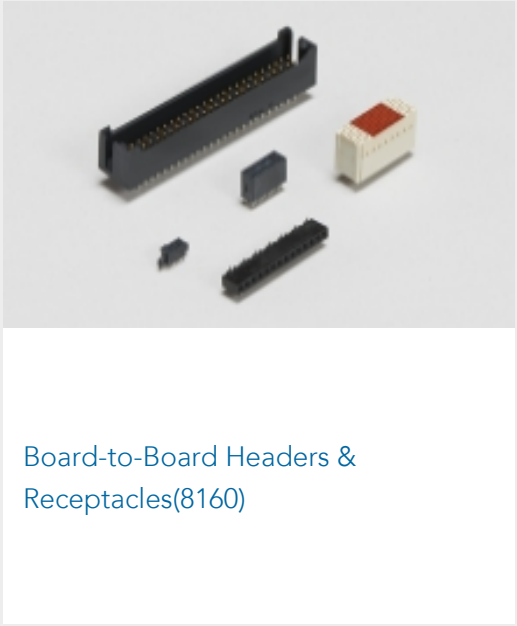
Product Compliance Disclaimer

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 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>

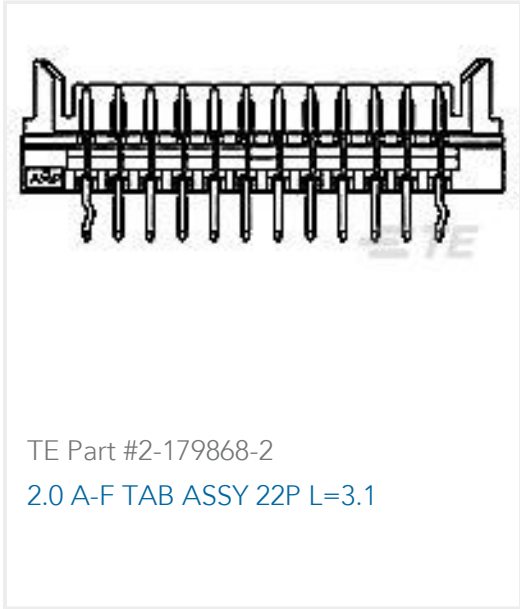
Compatible Parts



Also in the Series | AMPMODU 2 mm



Customers Also Bought





Documents

Product Drawings

2.0 A-F REC ASSY 22P HI-COAT

English

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