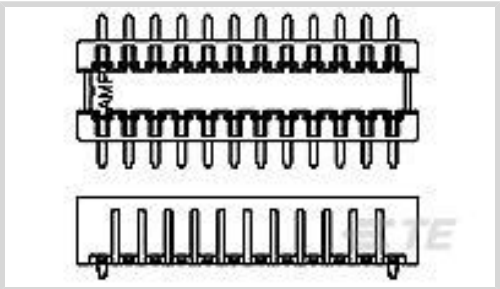




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

Number of Rows: **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	No
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	2
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	125 VAC
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Body Features

Primary Product Color	Beige
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Contact Features

Mating Tab Width	.6 mm[.023 in]
Mating Tab Thickness	.4 mm[.015 in]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy



Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]
Contact Type	Receptacle
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 Retention Type	Kinked Legs
Mating Alignment	With
Mating Alignment Type	Self-Aligning (Alignment Free)
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	8.4 mm[.331 in]
Row-to-Row Spacing	4 mm[.157 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	400
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 2024 (240) Candidate List Declared Against: JUNE 2022 (224) 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

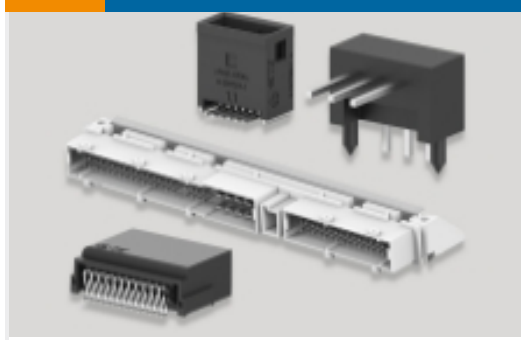
Product Compliance Disclaimer

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>

Also in the Series | AMPMODU 2 mm



Connector Contacts(27)



PCB Headers & Receptacles(10386)



Wire-to-Board Connector Assemblies & Housings(202)

Customers Also Bought





TE Part #3-2319848-1
END STACK DIP 10P G RECESS SEAL
TUBE



TE Part #4-2176391-7
RQ 1206 37K4 0.1% 10PPM 5K RL



TE Part #2176314-4
MELF SMA_A 180R 0.1% 15PPM 0102
0.3W



TE Part #1-928836-2
MOD2 PIN WITH A-PIN L/P



TE Part #7-2176246-6
CRGS2512 5% 1M8



TE Part #3-1415020-1
PT570N20



TE Part #1-1437581-1
ASE22RL=AUTOSLIDE DP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-179871-0_GN_c-1-179871-0-gn.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-179871-0_GN_c-1-179871-0-gn.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-179871-0_GN_c-1-179871-0-gn.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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