



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **44**

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

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	44
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Dielectric Withstanding Voltage (Max)	650 VAC



Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	.203 μm[8 μin]
Mating Square Post Dimension	.5 mm[.02 in]
	100 μin
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Post & Tail Length	2.6 mm[.102 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

Housing Material	Thermoplastic
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Method	Box, Tray
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Other

Position Locations Omitted	0
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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: JUL 2021 (219) Does not contain REACH SVHC
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 240°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



TE Part # 3-5176264-6
44 AMPMODU 2MM DR VERT MNT LF

TE Part # 2-5176837-1
44 AMPMODU 2MM, H, AU, LF

TE Part # 4-5176264-5
44 AMPMODU 2MM DR VERT MNT LF

Also in the Series | AMPMODU 2 mm

Board-to-Board Headers & Receptacles(8160)

Connector Contacts(27)

PCB Headers & Receptacles(8190)

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

Wire-to-Board Headers & Receptacles (1037)

Customers Also Bought

TE Part #1-292254-3
CT RELAY HDR ASSY 13P NAT

TE Part #1-2176177-4
CRGH0603 1% 1K8 0.2W

TE Part #1879455-7
TE 1500W 3R3 5% Bracket

TE Part #3-1625867-2
RP 1J 0.166W 13R 0.1% 25PPM 1K RL

TE Part #CONSMP001-G-T
SMP Plug 50 Ohm PCB Through Hole

TE Part #TB1147D4722-004
RPC-M8-MS-MS-4CON-P-3.0SH

TE Part #1676372-2
RN 0805 53R6 0.1% 10PPM 1KRL

TE Part #2176237-7
CPF A 0603 30R 0.1% 25PPM 5K RL



Documents

Product Drawings

[RCPT,2MM,44P,VRT MT,8AU,2.6ST](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_4-1470209-5_F.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-1470209-5_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-1470209-5_F.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_SECTION3AND4](#)

English

Product Specifications

[Product Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English