



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Hermaphroditic Connector**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **6**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Type	PCB Mount Hermaphroditic Connector
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
Stackable	No
PCB Mount Orientation	Horizontal
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC
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Dielectric Withstanding Voltage (Max)	1500 VAC
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Body Features

Primary Product Color	Black
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Contact Features

Mating Tab Width	3.05 mm[.12 in]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Mating Tab Thickness	.4 mm[.016 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Hermaphroditic
Contact Current Rating (Max)	6 A

Termination Features

Rectangular Termination Post & Tail Width	1 mm[.04 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	None
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Housing Material	LCP
Centerline (Pitch)	4 mm[.157 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	3.9 mm

Usage Conditions

Housing Temperature Rating	High
Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]



Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Package & Box

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: JAN 2025 (247) 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	Reflow solder capable to 260°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 # 1-1954289-3
Connector,Blade & Recpt 6Pos -



TE Part # 1-2058128-3
Dust Cap, 6 Posn, Black

Customers Also Bought



TE Part #6-1879497-1
CRGH1206 5% 330R 0.5W



TE Part #2154640-1
Herm Blade & Recept assy w/latch & posts



TE Part #8-1879497-1
CRGH1206 5% 2K2 0.5W



TE Part #2176186-6
CRGH1206 1% 330R 0.5W



TE Part #3-2176186-1
CRGH1206 1% 39K 0.5W



TE Part #1-282078-3
RUBBER SEAL



TE Part #3-1625984-2
HSA50 22K 5%



TE Part #42506-2
250 FASTON TAB TPBR



TE Part #42559-1
250 FASTON TAB NPST



TE Part #L9000014-01
Antenna Chip T&R 2.45GHz SMT

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_1-1954289-3_A.2d_dxf.zip
- English
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1-1954289-3_A.3d_igs.zip
- English



Customer View Model

[ENG_CVM_CVM_1-1954289-3_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[HERMAPHRODITIC_BLADE_AND_RECPT_CONNECTOR](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English