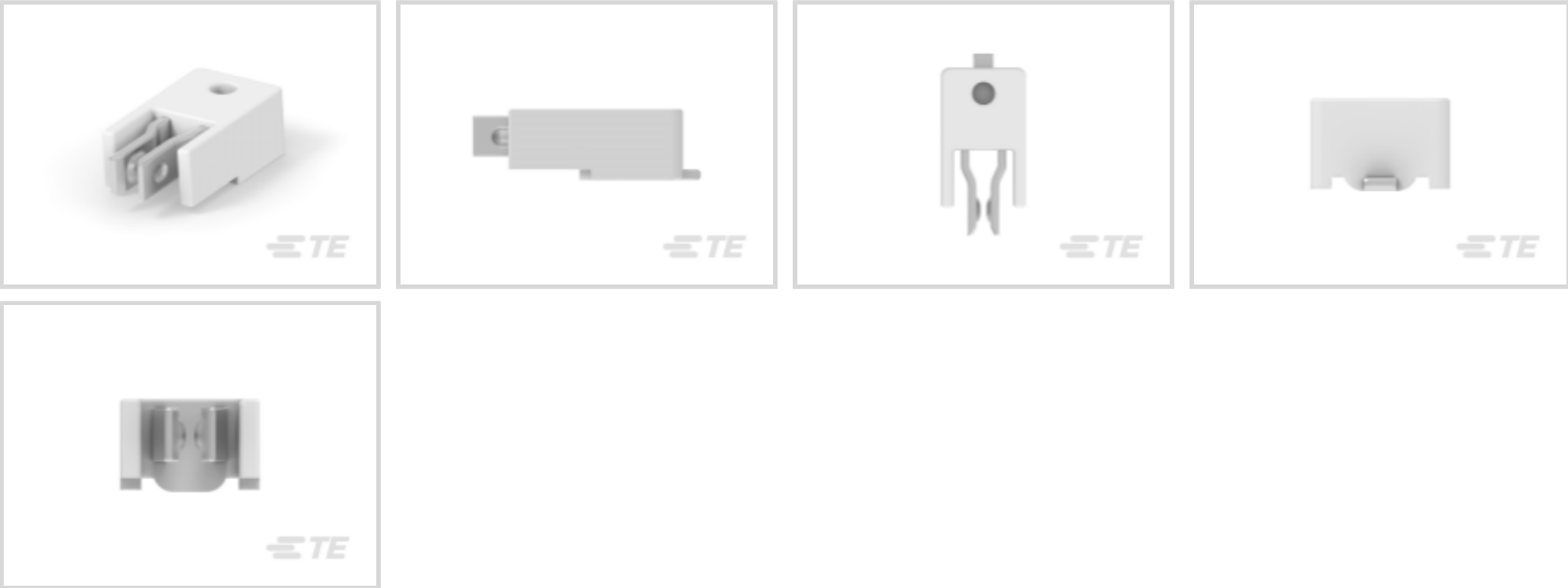




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **1**

Number of Rows: **1**

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

PCB Mount Orientation	Right Angle
Number of Positions	1
Number of Rows	1

Body Features

Primary Product Color	Natural
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Contact Features

Contact Fabrication	Stamped & Formed
PCB Contact Termination Area Plating Material Thickness	2 – 6 µm[78.74 – 251 µin]
Contact Mating Area Plating Material Finish	Matte



PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2 – 5 µm
Contact Type	Receptacle
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Retention	Without
Mating Retention Type	Contact Friction
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
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Dimensions

Connector Length	5.9 mm[.232 in]
	.079 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 Agency/Standards Products	UL
Compatible With Approved Standards Products	UL 1977, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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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 2024 (241) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
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 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



Customers Also Bought



TE Part #2-1871940-1
Receptacle Housing: Spring clamp, 3.5 mm pitch, 150V

TE Part #9-215083-0
MICRO-MATCH MOW.20P

TE Part #5146800-1
BATT INT,KEYLESS,5P,7.2V

TE Part #1-1734248-5
1.0 FPC, ZIF V/T, SMT, 15P

TE Part #770835-3
MINI UMNL PIN AU

TE Part #2305018-2
USB TYPE C, REC IPX8 ON BOARD DUAL SMT

TE Part #1939851-1
ME 67M 9-11 SHIELD CLIP

TE Part #124045-E
SMCB 50 F AB VV 6-03 CLHD * H007 137 E00

TE Part #L9000109-01
Antenna Dome 2.4GHz RG174 216 SMA

Documents

Product Drawings

1P female slim board to board connector

English

CAD Files

Customer View Model

ENG_CVM_CVM_1971743-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1971743-1_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1971743-1_A1.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages



7-1773456-9_Mini_Herm

English

7-1773456-9_Mini_Herm

Product Specifications

Application Specification

English

Agency Approvals

Mini Hermaphroditic Connectors

English