

1971743-1 ✓ ACTIVE

LUMAWISE

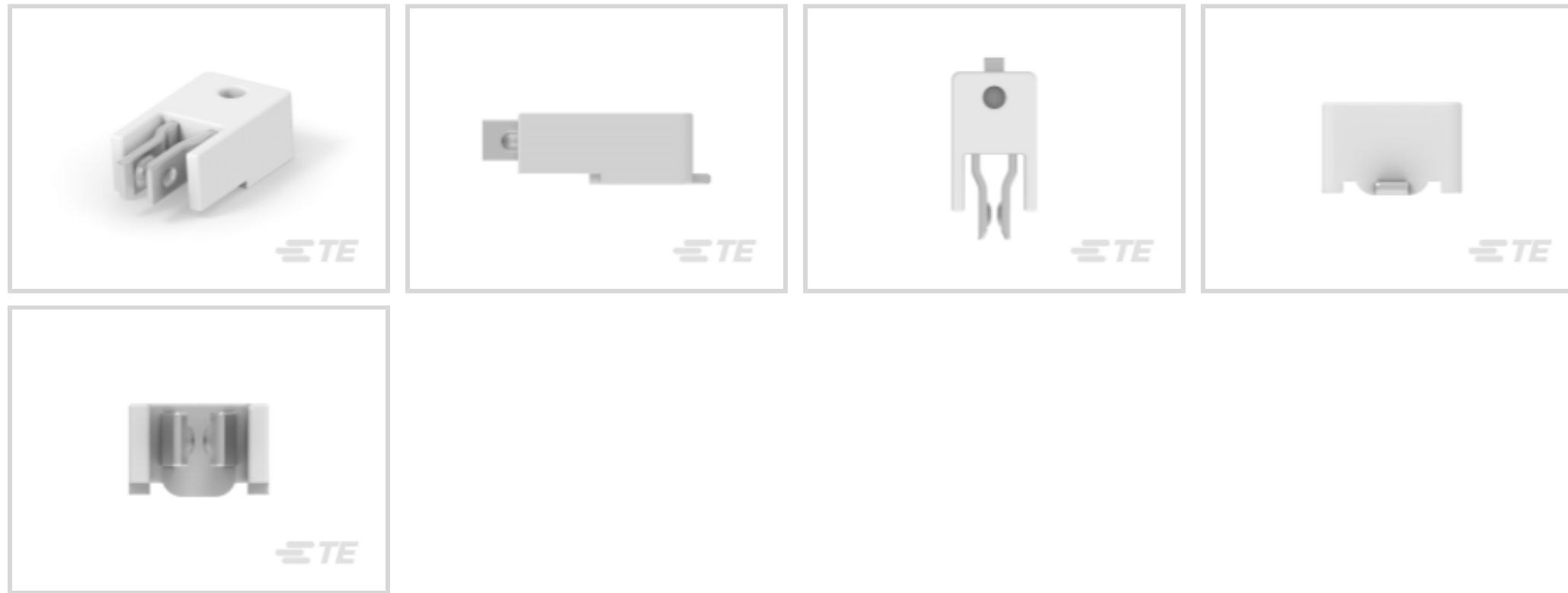
TE Internal #: 1971743-1

PCB Mount Receptacle, Right Angle, Board-to-Board, 1 Position,
Tin, Surface Mount, Signal, Natural, Tape & Reel

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Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Right Angle**

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

Features

Dimensions

	.079 in
Connector Length	5.9 mm[.232 in]

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

PCB Contact Termination Area Plating Material Thickness	2 – 6 µm[78.74 – 251 µin]
PCB Contact Termination Area Plating Material	Tin
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 – 5 µm
Contact Mating Area Plating Material	Tin
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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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 E28476, UL 1977
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
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 #1-2834075-2
2P REC, MINIATURE WATERPROOF
CONN.WHITE



TE Part #1-2834236-2
Miniature Headers, SlimSeal



TE Part #1-206455-2
23-63 SZ CPC PSTD PIN RECPT LF



TE Part #1735284-1
SATA BACKPLANE RECEPTACLE,
VERTICAL, SMT



PITCH BATTERY



TE Part #1717478-2
REC. ASSEMBLY 8POS. 2.5MM PITCH
BATTERY



TE Part #6116353-5
INV MJ,1X2,PNL GRD,LED (G/G)



TE Part #2177419-3
32POS,TAB 0.5X0.4,HEADER ASSY,
CODA



TE Part #1-6609104-1
PE0SXSSXB=C1144 M0

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