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

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **2**

Centerline (Pitch): **3 mm**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Hermaphroditic Connector
Connector System	Board-to-Board
Sealable	No

Configuration Features

Number of Rows	1
Stackable	No
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Horizontal
Number of Positions	2
Board-to-Board Configuration	Co-Planar

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	300 VDC
Operating Voltage	300 VAC

Contact Features



Contact Layout	Inline
Mating Tab Width	1.55 mm[.061 in]
Mating Tab Thickness	.3 mm[.011 in]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
Contact Type	Hermaphroditic
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.3 mm[.011 in]
Rectangular Termination Post & Tail Width	.7 mm[.028 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3 mm
Housing Color	Natural
Housing Material	LCP

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-40 – 105 °C

Operation/Application

Circuit Application	Power
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Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0



Agency/Standard	CSA
CSA Certified	Yes
CSA File Number	LR7198
UL File Number	E28476

Packaging Features

Packaging Method	Pocket tape on 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # CAT-B8519-P7565
BUCHANAN WIREMATE POKE-IN

TE Part # 2213611-1
MINI HERM ASSY WITH POSTS -
SELECT GOLD

Customers Also Bought

TE Part #179955-6
DYNAMIC 5000 REC AND TAB CONT

TE Part #179227-1
AMP COMMON TERMINATION
CONTACTS

TE Part #103309-1
010 LOPRO HDR SP 30DP

TE Part #1-2106003-2
Connector, SMT-IDC, 2 POS, 20 AWG

TE Part #1954097-1
Poke In SMT,2 Position Connect

TE Part #829261-2
HD.FEMALE SCREWLOCK

TE Part #1622795-5
YR1 0.1% 4K02

TE Part #1649328-6
RTD14024

TE Part #1740260-1
NECTOR S TUBE WHITE

TE Part #1-971111-3
10W FRC MADISON SPEC 100-4703
REV. 7

Documents

Product Drawings
MINIATURE HERMAPHRODITIC (2P)
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1971567-1_B1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1971567-1_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1971567-1_B1.3d_stp.zip](#)

English

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

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[Mini Hermaphroditic Connectors](#)

English