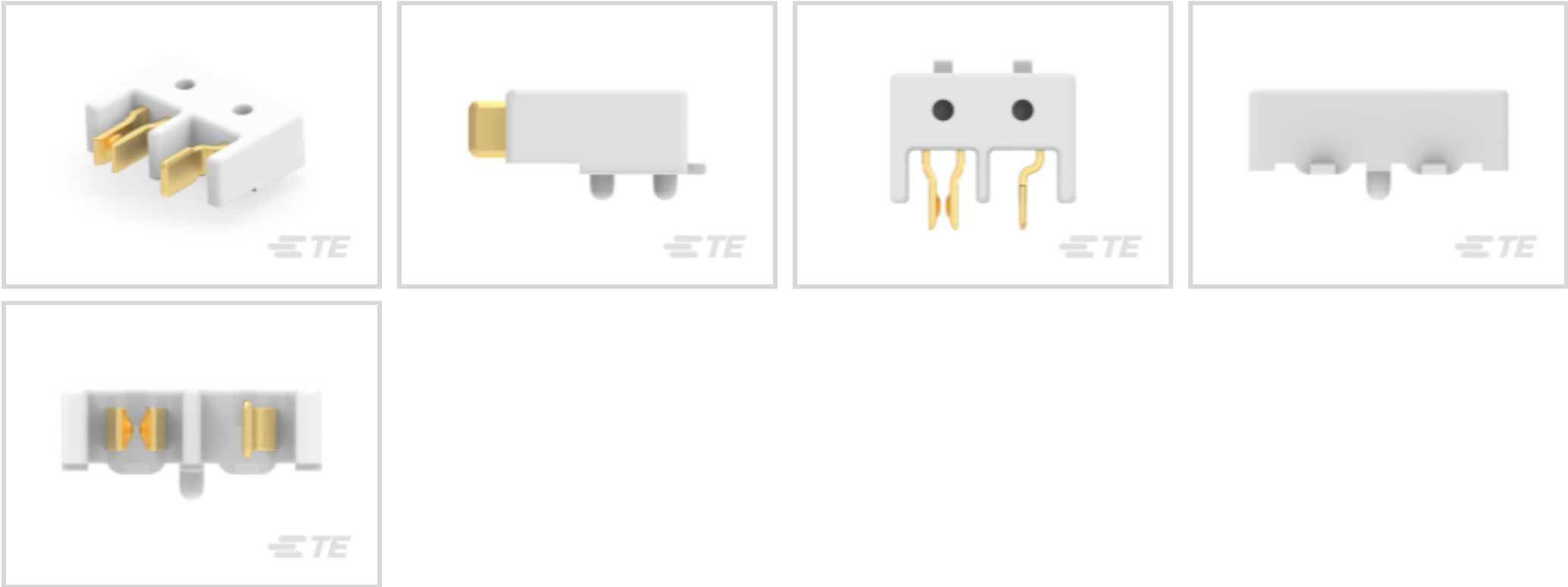




Connectors > PCB Connectors > PCB Headers & Receptacles > Mini Hermaphroditic Connectors with Gold Plating



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

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

Number of Positions: **2**

Number of Rows: **1**

Centerline (Pitch): **3 mm [.118 in]**

[All Mini Hermaphroditic Connectors with Gold Plating \(5\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1
PCB Mount Orientation	Horizontal
Board-to-Board Configuration	Co-Planar

Body Features

Primary Product Color	Natural
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Contact Features

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Contact Underplating Material	Nickel
Mating Tab Width	1.55 mm[.061 in]
Mating Tab Thickness	.3 mm[.011 in]
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Hermaphroditic
Contact Current Rating (Max)	3 A
Contact Mating Area Plating Material Thickness	3.81 – 7.62 µm

Termination Features

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

Mechanical Attachment

PCB Mount Alignment Type	Pegs
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	3 mm[.118 in]
Housing Material	LCP

Usage Conditions

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

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

TE Part # 1971567-1
MINIATURE HERMAPHRODITIC (2P)

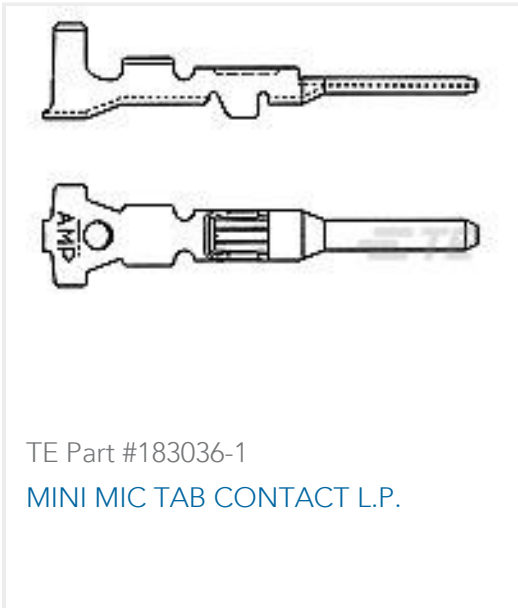
TE Part # 2306038-1
MINI HERM ASSY - SELECT GOLD

Customers Also Bought





TE Part #ANT-916-HETH
Antenna 1/4 Wave Coil 868MHz THM



TE Part #183036-1
MINI MIC TAB CONTACT L.P.



TE Part #1-215079-8
MICRO-MATCH FOB 18P



TE Part #826629-5
AMPMODU II HEADER



TE Part #1-1337452-0
BNC Ins BHSkt 50Ohm Nickel Gol



TE Part #9-1456610-2
16P 040 VERT HYBRID CAP ASSY



TE Part #8-1676966-3
SMW2 180R 1%



TE Part #1879207-2
RN 0603 205K 0.1% 10PPM 5K RL



TE Part #1-2834067-2
SOCKET CONTACT,MINIATURE
WATERPROOF CONN



TE Part #2834082-2
5.0MM SIDE ENTRY MSC 3P_GY

Documents

Product Drawings
MINI HERM ASSY WITH POSTS - SELECT GOLD
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2213611-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2213611-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2213611-1_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



MINI-HERMAPHRODITIC CONNECTORS WITH GOLD PLATING

English

Product Specifications

Application Specification

English

Agency Approvals

Mini Hermaphroditic Connectors

English