2213611-1 ✔ ACTIVE

LUMAWISE

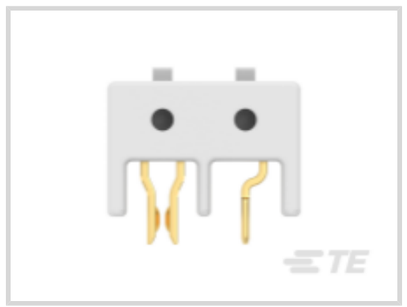
TE Internal #: 2213611-1

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 2 Position, 3 mm [.118 in] Centerline, Gold, Surface Mount, Power, Natural

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







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

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **2**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

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

Body Features

Primary Product Color	Natural

Contact Features

Mating Tab Width	1.55 mm[.061 in]
Mating Tab Thickness	.3 mm[.011 in]
Contact Mating Area Plating Material Finish	Matte

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	3.81 – 7.62 µm
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	Peg
Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

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

Usage Conditions

Operating Temperature Range	-40 – 105 °C

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 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

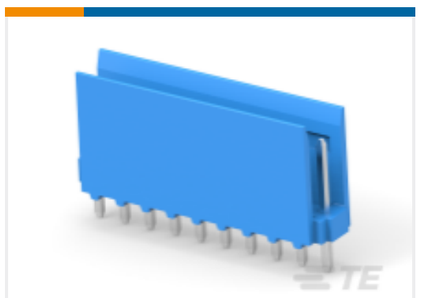


TE Part # 1971567-1
MINIATURE HERMAPHRODITIC (2P)



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

Customers Also Bought



TE Part #281695-3
HE13/HE14 TH Headers, SRST



TE Part #4-1676966-1
SMW2 4R7 5%



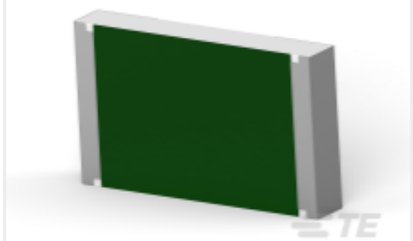
TE Part #182734-2
CONTACT REC HE14 COSI LOOSE P



TE Part #2176070-4
3521 13R 1% 2W



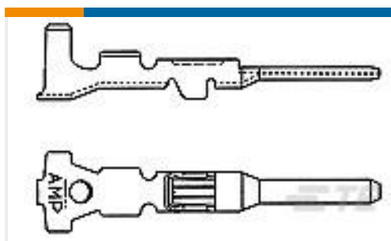
TE Part #1676427-2
RN 0805 75K 0.1% 10PPM 1KRL



TE Part #2176402-3
3540 390R 5%



TE Part #1-2176328-6
CRGP 1206 180R 1%



TE Part #282109-1
MINI MIC TAB CONTACT



TE Part #7-2151607-7
OCEAN_2.0_SPARE_PART_KIT-077F105F

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

Hermaphroditic Connectors with Select Gold Plating Flyer

Hermaphroditic Connectors with Select Gold Plating Flyer

English

Product Specifications

Application Specification

English

Agency Approvals

Mini Hermaphroditic Connectors

English