2213614-1 ✔ ACTIVE

LUMAWISE

TE Internal #: 2213614-1

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 2 Position, 4 mm [.157 in] Centerline, Gold, Surface Mount, Power, Natural

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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	3.05 mm[.12 in]
Mating Tab Thickness	.4 mm[.016 in]
Contact Mating Area Plating Material Finish	Matte

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	1.52 – 3.04 µm
Contact Type	Hermaphroditic
Contact Current Rating (Max)	6 A

Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Rectangular Termination Post & Tail Width	1 mm[.04 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4 mm[.157 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 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

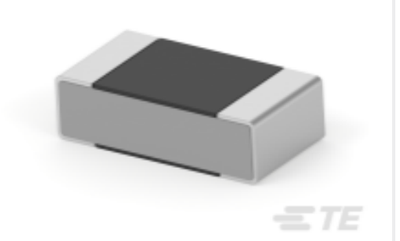


TE Part # 2213614-1
HERM BLADE & REC,2 POS,LATCH, SELECT GOLD

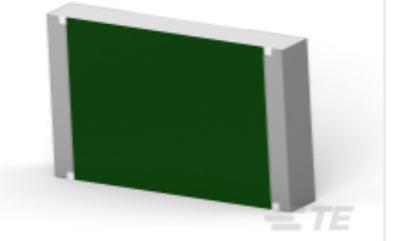
Customers Also Bought



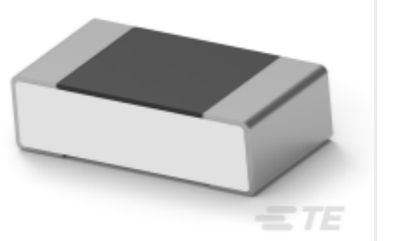
TE Part #2213611-1
MINI HERM ASSY WITH POSTS - SELECT GOLD



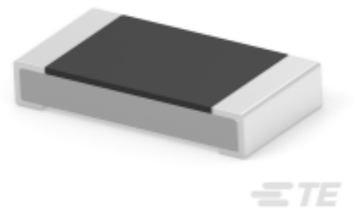
TE Part #1879207-2
RN 0603 205K 0.1% 10PPM 5K RL



TE Part #2176402-3
3540 390R 5%



TE Part #4-2176371-2
RQ 0603 12K4 0.1% 10PPM 5K RL



TE Part #5-2176392-2
RQ 1206 453K 0.1% 10PPM 5K RL

Documents

Product Drawings

HERM BLADE & REC,2 POS,LATCH,SELECT GOLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2213614-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2213614-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2213614-1_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

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English