



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: **6**

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

| | |
|------------------------------|------------|
| Stackable | No |
| PCB Mount Orientation | Horizontal |
| Number of Positions | 6 |
| 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) | 4 mm[.157 in] |
| Housing Material | LCP |

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 # 1971567-3
MINIATURE HERMAPHRODITIC (6P)

TE Part # 2306038-3
MINI HERM ASSY - SELECT GOLD

Customers Also Bought


TE Part # 2325807-3
LUMAWISE Z45 LED HOLDER 19X19

TE Part # 3-2328724-9
39PIN 0.3MM FPC CONNECTOR, FRONT FLIP


TE Part # 63969-1
FASTON 205/250 PCB MOUNTED TPBR

TE Part # 770997-1
04P CMNL SOK HDR ASSY







TE Part # 63986-1
250 FASTON TAB TPBR




TE Part # 7-1879494-1
CRGH0603 5% 820R 0.2W



TE Part # 1623022-1
CRG0603 5% 10K



TE Part # 9-2176391-2
RQ 1206 110K 0.1% 10PPM 5K RL



TE Part # 2213616-2
HERM BLADE & RECPT, 4 POS, POST,
SEL GOLD

Documents

Product Drawings

MINI HERM ASSY WITH POSTS - SELECT GOLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2213611-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2213611-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2213611-3_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

2213611-3

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 6 Position, 4 mm
[.157 in] Centerline, Gold, Surface Mount, Power, Natural



Mini Hermaphroditic Connectors

English