



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Horizontal**

Connector System: **Board-to-Board, Wire-to-Board**

Number of Positions: **2**

Centerline (Pitch): **4 mm**

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------|------------|
| PCB Mount Orientation | Horizontal |
| Number of Positions | 2 |
| Number of Rows | 1 |

Contact Features

| | |
|---|-----------------|
| Contact Retention Within Housing | Without |
| Mating Tab Width | 3.05 mm[.12 in] |
| Mating Tab Thickness | .4 mm[.016 in] |
| Contact Underplating Material | Nickel |
| Contact Mating Area Plating Material | Tin |
| Contact Mating Area Plating Material Finish | Matte |



| | |
|--|----------------|
| Contact Mating Area Plating Material Thickness | 3.81 – 8.89 µm |
| Contact Type | Hermaphroditic |
| Contact Current Rating (Max) | 6 A |

Termination Features

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|---|----------------|
| Rectangular Termination Post & Tail Thickness | .4 mm[.016 in] |
| Rectangular Termination Post & Tail Width | 1 mm[.039 in] |
| Termination Method to Wire & Cable | Solder |
| Termination Method to Printed Circuit Board | Surface Mount |

Mechanical Attachment

| | |
|--------------------------|-------------|
| PCB Mount Alignment Type | Peg |
| PCB Mount Retention Type | Solder Peg |
| PCB Mount Alignment | With |
| Mating Retention | Without |
| PCB Mount Retention | Without |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|---------|
| Centerline (Pitch) | 4 mm |
| Housing Color | Natural |
| Housing Material | LCP |

Usage Conditions

| | |
|-----------------------------|--------------|
| Operating Temperature Range | -40 – 105 °C |
|-----------------------------|--------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

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|------------------|-----------------|
| Packaging Method | SMT Pocket Tape |
|------------------|-----------------|

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: JUN 2018 (191) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Not Yet Reviewed for halogen content |
| 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 # 2213616-1
HERM BLADE & RECPT,2 POS,POST,
SEL GOLD

Customers Also Bought



TE Part #1-770743-1
10P MINI UMNL HDR ASSY VRT LF



TE Part #1-770182-1
09P MINI UMNL ASSY VO SNAU LF



TE Part #881545-2
SHUNT LP W/HANDLE 2 POS 30AU



TE Part #1-641964-1
02P UMNL HDR ASSY POL BLK



TE Part #1-770178-1
06P MINI UMNL ASSY VO SNAU LF

TE Part #1-770170-1
03P MINI UMNL ASSY VO SNAU LF

TE Part #1-770174-1
04P MINI UMNL ASSY VO SNAU LF

TE Part #100616-2
8/8 MOD.JACK ASSY TE SHIELDED

TE Part #1-770166-1
02P MINI UMNL ASSY VO SNAU LF

TE Part #104361-8
09 MTE HDR SRRA LATCH W/HLDWN

Documents

Product Drawings

Assembly, 2 Position, w/ Posts

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2106212-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2106212-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2106212-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

UL Report

2106212-1

PCB Mount Hermaphroditic Connector, Horizontal, Wire-to-Board / Board-to-Board,
2 Position, 4mm Centerline, 1 Row, Tin, Natural Housing Color



English