

LUMAWISE

TE Internal #: 2213616-3

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 6 Position, 4 mm Centerline, Gold (Au), Surface Mount, Power & Signal, Natural

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

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

Number of Positions: **6**

Centerline (Pitch): **4 mm**

PCB Mount Orientation: **Horizontal**

**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	6
PCB Mount Orientation	Horizontal
Board-to-Board Configuration	Co-Planar

**Body Features**

Primary Product Color	Natural
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**Contact Features**

Contact Underplating Material	Nickel
Mating Tab Width	3.05 mm[.12 in]
Mating Tab Thickness	.4 mm[.016 in]



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

### Termination Features

Rectangular Termination Post & Tail Width	1 mm[.04 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.016 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)	4 mm
Housing Material	LCP

### Usage Conditions

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

Circuit Application	Power & Signal
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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](https://www.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: JUNE 2025 (250)

Candidate List Declared Against: JUNE 2025 (250)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F &lt; 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not reviewed for solder process capability

## 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



## Customers Also Bought



## Documents

## Product Drawings



## HERM BLADE & RECPT,6 POS,POST,SEL GOLD

English

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### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2213616-3\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2213616-3\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2213616-3\\_A.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

[Hermaphroditic Connectors with Select Gold Plating Flyer](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL Report](#)

English