



LUMAWISE

TE Internal #: 1-2213614-2

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 4 Position, 4 mm Centerline, Gold, Power, Black

[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: **4**

Centerline (Pitch): **4 mm**

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	4

Body Features

Primary Product Color	Black
-----------------------	-------

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]
---	---------------

Mechanical Attachment

Mating Alignment	Without
------------------	---------

PCB Mount Retention	Without
---------------------	---------

PCB Mount Alignment	Without
---------------------	---------

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

Centerline (Pitch)	4 mm
--------------------	------

Housing Material	LCP
------------------	-----

Usage Conditions

Operating Temperature Range	-40 – 105 $^{\circ}\text{C}$
-----------------------------	------------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

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

Packaging Features

Packaging Type	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	Not Yet Reviewed
-----------------------------	------------------

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 2022 (224) Candidate List Declared Against: JUN 2018 (191) 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

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



Documents

Product Drawings

HERM BLADE & REC,4 POS,LATCH,SEL GLD,BLK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2213614-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2213614-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2213614-2_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

[UL Report](#)

English