# 2213616-3 - ACTIVE

#### LUMAWISE

TE Internal #: 2213616-3 PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 6 Position, 4 mm Centerline, Gold, Surface Mount, Power & Signal, Natural, Tape & Reel

#### 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: 6

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	6
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

**S** For support call+1 800 522 6752

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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 PCB	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
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	
Packaging Method	Tape & Reel
<b>Product Compliance</b> 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

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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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**



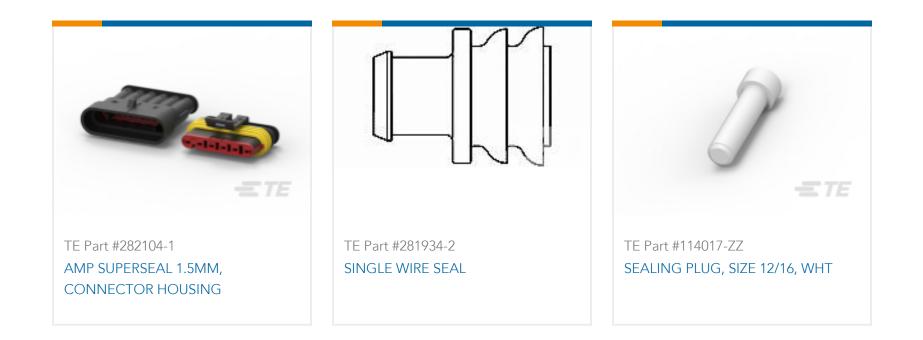
## Customers Also Bought



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## Documents

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

English

#### **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.

## 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