

2213611-1

✓ ACTIVE

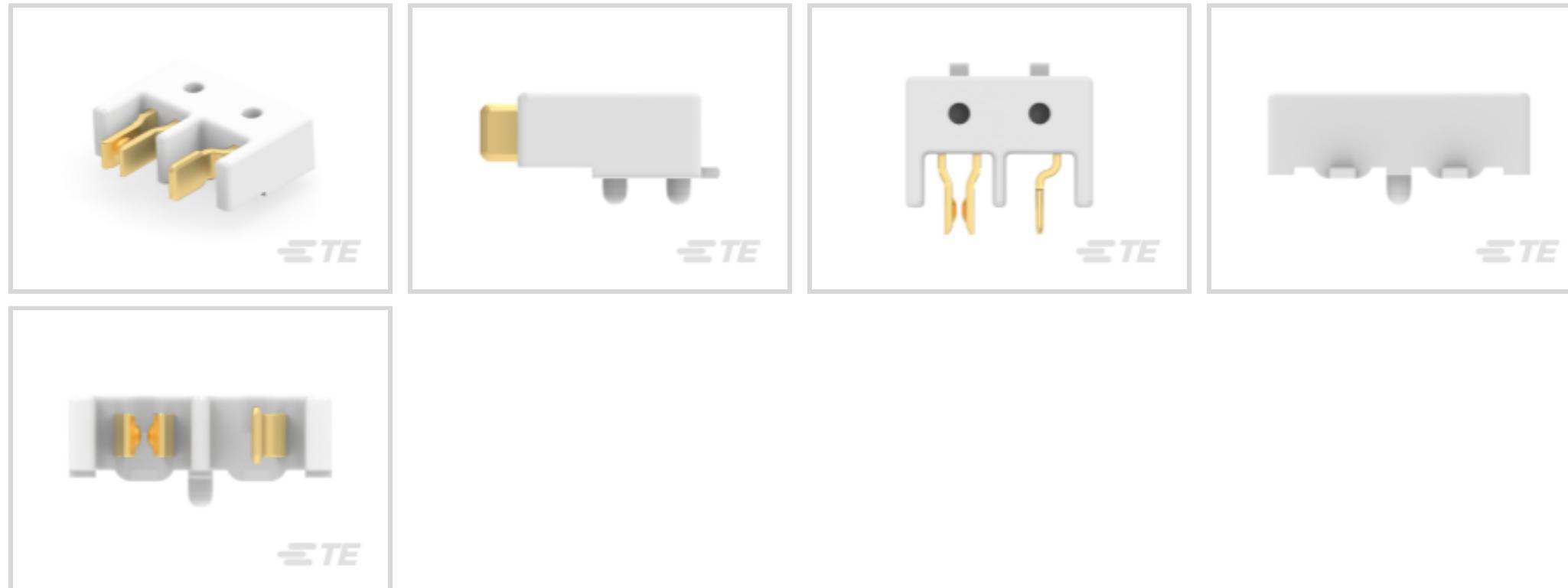
## LUMAWISE

TE Internal #: 2213611-1

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 2 Position, 3 mm [.118 in] Centerline, Gold, Surface Mount, Power, Natural

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Connectors &gt; PCB Connectors &gt; PCB Headers &amp; Receptacles

PCB Connector Assembly Type: **PCB Mount Hermaphroditic Connector**PCB Mount Orientation: **Horizontal**Connector System: **Board-to-Board**Number of Positions: **2**Number of Rows: **1****Features****Mechanical Attachment**

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

**Termination Features**

Rectangular Termination Post & Tail Width	.7 mm[.028 in]
Rectangular Termination Post & Tail Thickness	.3 mm[.011 in]
Termination Method to PCB	Surface Mount

**Contact Features**

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	3.81 – 7.62 $\mu$ m
Mating Tab Width	1.55 mm[.061 in]
Mating Tab Thickness	.3 mm[.011 in]

Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Gold
Contact Type	Hermaphroditic
Contact Current Rating (Max)	3 A

#### Housing Features

Housing Material	LCP
Centerline (Pitch)	3 mm [.118 in]

#### Configuration Features

Board-to-Board Configuration	Co-Planar
PCB Mount Orientation	Horizontal
Number of Positions	2
Number of Rows	1

#### Product Type Features

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

#### Body Features

Primary Product Color	Natural
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#### Usage Conditions

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

Circuit Application	Power
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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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#### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 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	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 # 1971567-1  
MINIATURE HERMAPHRODITIC (2P)

TE Part # 2306038-1  
MINI HERM ASSY - SELECT GOLD

## Customers Also Bought

TE Part #2176070-4  
3521 13R 1% 2WTE Part #1558666-3  
T9GS1L14-12TE Part #5650118-3  
CONN SEC II 6 POS 100C/L R/ATE Part #796740-2  
2 POS PCB MT 6.35MM HI CRT TBKTE Part #1-2176328-6  
CRG 1206 180R 1%TE Part #5-146278-5  
05 MODII HDR SRST B/A .100CLTE Part #282109-1  
MINI MIC TAB CONTACTTE Part #5-146256-4  
08 MODII HDR DRST B/A .100CL LFTE Part #5-146281-5  
05 MODII HDR SRST B/A LFTE Part #9-1456610-2  
16P 040 VERT HYBRID CAP ASSY

## Documents

### Product Drawings

#### MINI HERM ASSY WITH POSTS - SELECT GOLD

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2213611-1\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2213611-1\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2213611-1\\_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

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[Product Specifications](#)[Application Specification](#)

English

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[Agency Approvals](#)[Mini Hermaphroditic Connectors](#)

English