



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: **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	1 mm[.04 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Termination Method to PCB	Surface Mount

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	1.52 – 3.04 μm
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
Contact Type	Hermaphroditic
Contact Current Rating (Max)	6 A

Housing Features

Housing Material	LCP
Centerline (Pitch)	4 mm[.157 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
Connector & Contact Terminates To	Printed Circuit Board

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 & 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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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: 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 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




TE Part # 2106212-1  
Assembly, 2 Position, w/ Posts

Customers Also Bought






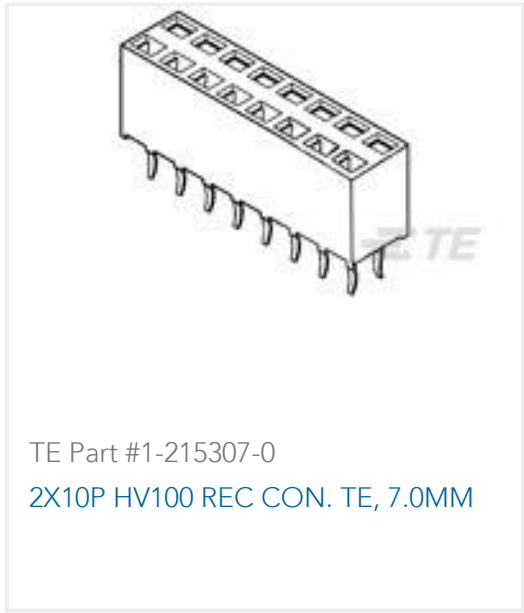
TE Part #3-2834006-1  
1P MODULAR RELEASABLE POKE-IN  
CONN\_RED




TE Part #7536494002  
RT555-1/8-0-SP




TE Part #2213616-2  
HERM BLADE & RECPT,4 POS,POST,  
SEL GOLD



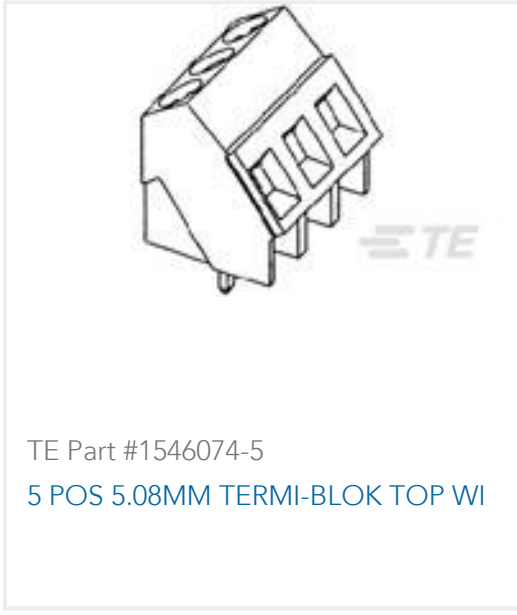
TE Part #1-215307-0  
2X10P HV100 REC CON. TE, 7.0MM




TE Part #2834006-3  
RELEASE POKE-IN  
CONNECTOR\_3POLES




TE Part #3-2176325-3  
CRGP 0402 4K7 1%




TE Part #1546074-5  
5 POS 5.08MM TERMI-BLOK TOP WI



TE Part #2-2176513-5  
CJP 1000W 220R 5% Lead



TE Part #2213614-2  
HERM BLADE & REC,4 POS,LATCH,  
SELECT GOLD



TE Part #2834006-1  
RELEASE POKE-IN  
CONNECTOR\_1POLES

Documents

Product Drawings  
HERM BLADE & RECPT,2 POS,POST,SEL GOLD  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2213616-1\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2213616-1\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2213616-1\_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

[Product Specifications](#)

[Application Specification](#)

English

[Agency Approvals](#)

[UL Report](#)

English