

#### LUMAWISE

TE Internal #: 1954289-3 PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 6 Position, 4 mm Centerline, Tin, Surface Mount, Power, Natural

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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

Number of Rows: 1

#### Features

#### Product Type Features

PCB Connector Assembly Type

Connector System

Sealable

PCB Mount Hermaphroditic Connector

Board-to-Board

No

Connector & Contact	Terminates To
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Printed Circuit Board

#### **Configuration Features**

Stackable	No
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Horizontal
Number of Positions	6
Number of Rows	1
Board-to-Board Configuration	Co-Planar
Electrical Characteristics	
Dielectric Withstanding Voltage (Max)	1500 VAC
Operating Voltage	125 VAC
Body Features	
Primary Product Color	Natural
Contact Features	
Contact Layout	Inline

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Mating Tab Width	3.05 mm[.12 in]
Mating Tab Thickness	.4 mm[.016 in]
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
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 Printed Circuit Board	Surface Mount
Mechanical Attachment	
PCB Mount Alignment Type	None
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
Dimensions	
Connector Height	3.9 mm
Usage Conditions	
Housing Temperature Rating	High
Operating Temperature Range	-40 – 105 °C
Operation/Application	
Operation/Application Circuit Application	Power
	Power
Circuit Application	Power
Circuit Application Industry Standards	
Circuit Application Industry Standards Agency/Standard	CSA

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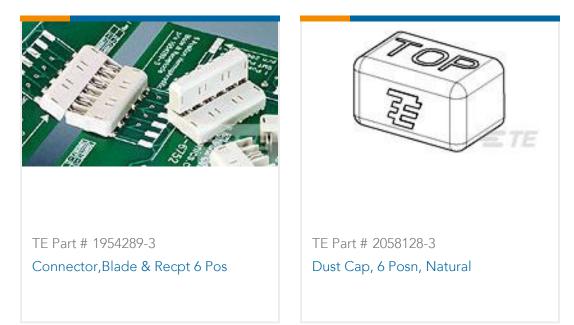


Packaging Type	Tape & Reel
<b>Product Compliance</b> For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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**



# Customers Also Bought

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 6 Position, 4 mm Centerline, Tin, Surface Mount, Power, Natural







## Documents

**Product Drawings** 

Connector,Blade & Recpt 6 Pos

English

**CAD** Files **Customer View Model** ENG\_CVM\_CVM\_1954289-3\_A.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1954289-3\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1954289-3\_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\_BLADE\_AND\_RECPT\_CONNECTOR

English

**Product Specifications Application Specification** 

English

Agency Approvals UL Report

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

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English