

2154640-2 ✓ ACTIVE

LUMAWISE

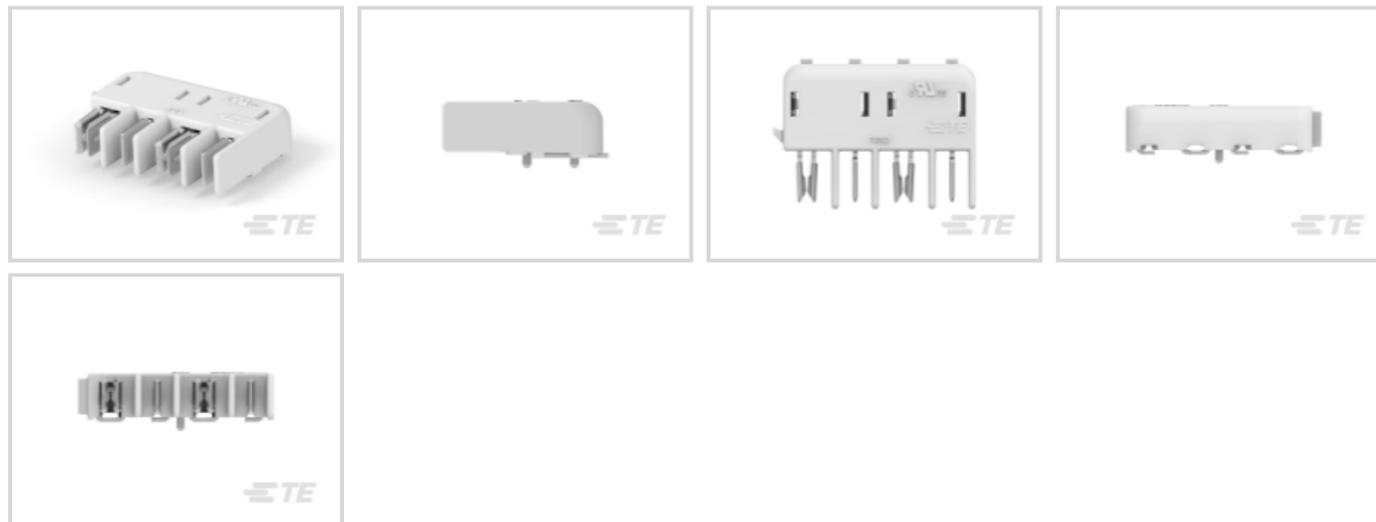
TE Internal #: 2154640-2

PCB Mount Hermaphroditic Connector, Right Angle, Board-to-Board, 4 Position, 4 mm [.157 in] Centerline, Tin (Sn), Surface Mount, Power & Signal

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Hermaphroditic Connector**

Connector System: **Board-to-Board**

Number of Positions: **4**

Number of Rows: **1**

Centerline (Pitch): **4 mm [.157 in]**

Features

Product Type Features

PCB Connector Type	PCB Mount Hermaphroditic Connector
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy



Mating Tab Thickness	.4 mm[.016 in]
Contact Mating Area Plating Material Finish	Matte
Mating Tab Width	3.05 mm[.12 in]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Hermaphroditic
Contact Current Rating (Max)	6 A
Contact Mating Area Plating Material Thickness	3.81 – 8.89 μ m

Termination Features

Rectangular Termination Post & Tail Width	1 mm[.039 in]
Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4 mm[.157 in]
Housing Material	LCP

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

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 Quantity	1000
Packaging Method	Box, 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	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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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



TE Part #CAT-D799-H342
DEUTSCH DRC Headers



TE Part #816489-SF
RN112-0.5-02-27M



TE Part #103309-5
020 LOPRO HDR SP 30DP



TE Part #350583-4
03P UMNL PIN HDR ASSY V2 LF



TE Part #350586-4
09P UMNL HDR ASSY PC NATL LF



TE Part #2-747706-0
09 RCPT SP/FMS BRDLK



TE Part #1-794068-1
16P MINI UMNL HDR W/DH AU LF



TE Part #1-794070-1
20P MINI UMNL HDR W/DH AU LF



TE Part #7-1474653-9
FST-22A-22

Documents

Product Drawings

[Herm Blade & Recept assy w/latch & posts](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2154640-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2154640-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2154640-2_A.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English

Agency Approvals

UL Report

English