

2108609-5 ✓ ACTIVE

TE Internal #: 2108609-5

PCB Spring Contact, Preloaded - C-Clip, Scalable, Side Protected,
Uncompressed Height 3 mm [.118 in], Length .114 in [2.9 mm],
Width 1 mm [.039 in]

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Connectors > PCB Connectors > Board-to-Board Connectors > PCB Spring Contacts



Spring Finger Type: **Preloaded - C-Clip**

Scalable: **Yes**

Side Protected: **Yes**

Uncompressed Height: **3 mm [.118 in]**

Contact Length: **2.9 mm [.114 in]**

Features

Product Type Features

Spring Finger Type	Preloaded - C-Clip
Scalable	Yes
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Side Protected	Yes
Number of Positions	1

Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Length	2.9 mm[.114 in]
Contact Width	1 mm[.039 in]



Contact Working Range (Low)	2.2 mm[.087 in]
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Contact Working Range (High)	2.6 mm[.102 in]
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Point of Contact Area Plating Material	Gold
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Contact Current Rating (Max)	.5 A
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Dimensions

Uncompressed Height	3 mm[.118 in]
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Tape & Reel
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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



Documents

Product Drawings

3.0H SPRING FINGER WITH EMBOSS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2108609-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108609-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108609-5_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Product Environmental Compliance

[MD_2108609-5_04252017055_dmtec](#)

English

[MD_2108609-5_04252017055_dmtec](#)

English