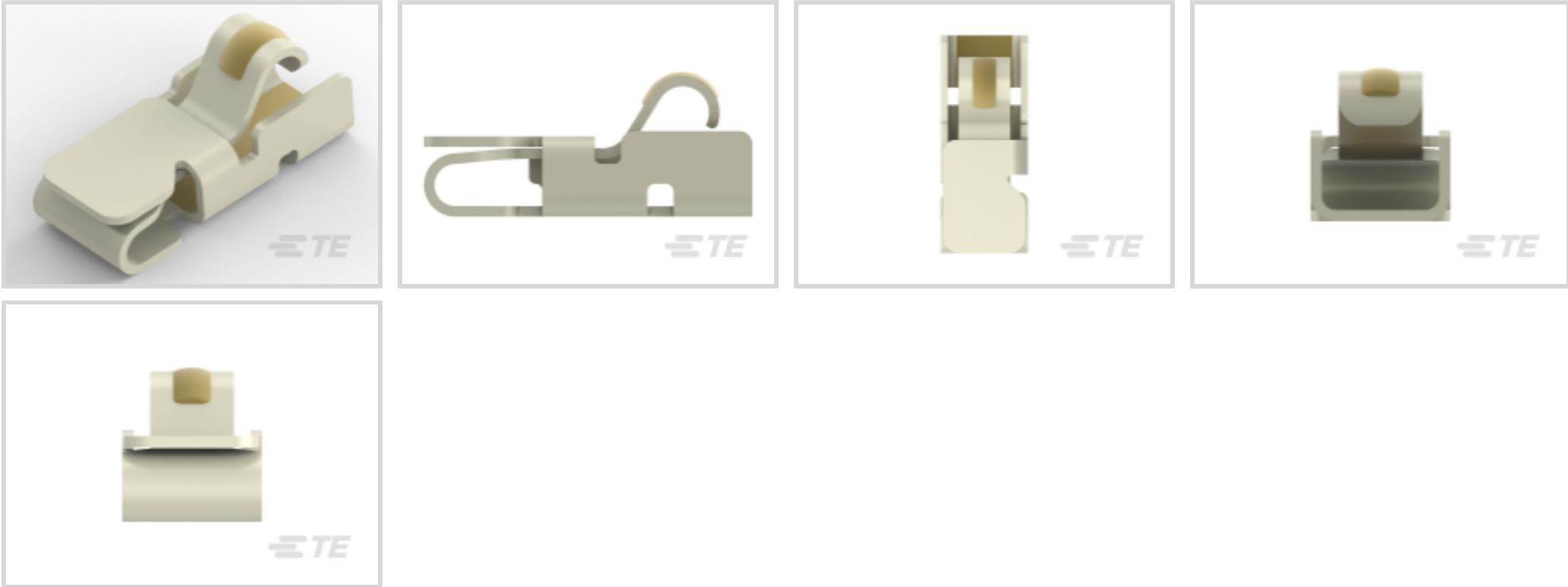




TE Internal #: 2108693-4
PCB Spring Contact, Preloaded - C-Clip, Scalable, Side Protected,
Uncompressed Height 1.1 mm [.043 in], Length 3.9 mm [.154 in],
Width .039 in [1 mm]
[View on TE.com >](#)

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



Spring Finger Type: **Preloaded - C-Clip**
Scalable: **Yes**
Side Protected: **Yes**
Uncompressed Height: **1.1 mm [.043 in]**
Contact Length: **3.9 mm [.154 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	3.9 mm[.154 in]
Contact Width	1 mm[.039 in]



Contact Working Range (Low)	.65 mm[.026 in]
Contact Working Range (High)	.87 mm[.034 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	.5 A

Dimensions

Uncompressed Height	1.1 mm[.043 in]
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Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Quantity	9000
Packaging Method	Tape & 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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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	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

TE Part # 2305018-2
USB TYPE C, REC IPX8 ON BOARD
DUAL SMT

Customers Also Bought

TE Part #1-292303-1
Std USB Type A, R/A, SMT

TE Part #1-2176406-2
3560 3R0 1%

TE Part #1676434-2
RN 0805 78R7 0.1% 10PPM 1KRL

TE Part #1676200-2
RN 0805 162R 0.1% 10PPM 1KRL

TE Part #1-1879279-9
RP 2A 71K5 0.1% 15PPM CUT LENGTH

TE Part #87220-8
08 MODII HDR SRST UNSHRD .100

TE Part #1-2129458-2
DC Power Jack Conn DIP type 10.7A

TE Part #1551246-2
Double row 10P BtB connector

TE Part #1-2176365-7
RQ 0603 59R 0.1% 10PPM 1K RL

TE Part #1775838-2
mSATA/mini PCI-E 5.6H Type I G/F

Documents

Product Drawings
1.1H SPRING FINGER WITH EMBOSS
English



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2108693-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2108693-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2108693-4_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

TE Material Declaration

English