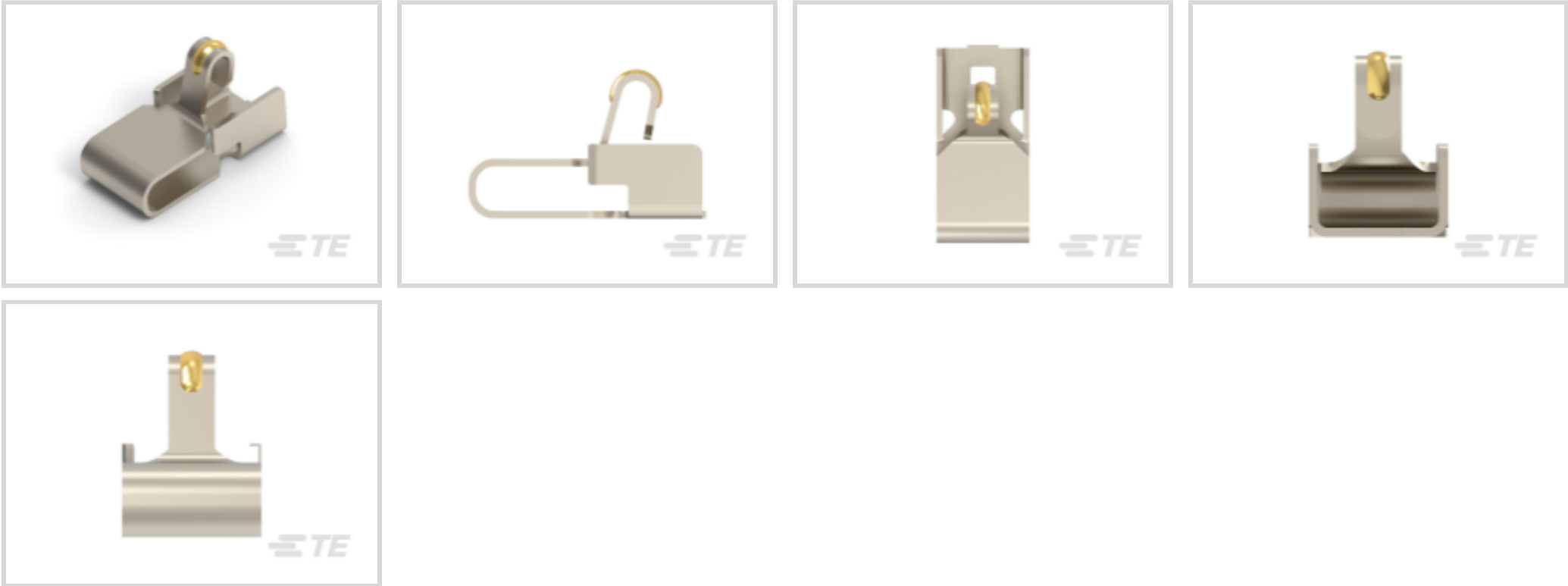


TE Internal #: 2199249-3
PCB Spring Contact, C-Clip, Scalable, Side Protected,
Uncompressed Height 2 mm [.079 in], Length 3.2 mm [.126 in],
Width .059 in [1.5 mm]
[View on TE.com >](#)



Terminals & Splices > Contacts > PCB Spring Contacts



Spring Finger Type: **C-Clip**
Scalable: **Yes**
Side Protected: **Yes**
Uncompressed Height: **2 mm [.079 in]**
Contact Length: **3.2 mm [.126 in]**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Spring Finger Type | 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 | 3.2 mm[.126 in] |
| Contact Width | 1.5 mm[.059 in] |



| | |
|--|-----------------|
| Contact Working Range (Low) | 1.8 mm[.071 in] |
| Contact Working Range (High) | 1.1 mm[.043 in] |
| Point of Contact Area Plating Material | Gold |
| Contact Current Rating (Max) | 2 A |

Dimensions

| | |
|---------------------|---------------|
| Uncompressed Height | 2 mm[.079 in] |
|---------------------|---------------|

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature Range | -40 – 85 °C, -40 – 85 °C[-40 – 185 °F][-40 – 185 °F] |
|-----------------------------|--|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 7000 |
| 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 2020 (205) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201) |
| 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts




TE Model / Part # 2306454-3
SPRING FINGER 2.3H



TE Model / Part # 2286211-3
HIGH CURRENT SPRING FINGER

Customers Also Bought



TE Model / Part #1551572-5
Shield Finger, Loose Piece



TE Model / Part #292304-4
STD USB TYPE B, R/A, T/H, 15U" AU



TE Model / Part #1-1625867-2
RP 1J 0.166W 2K0 0.1% 25PPM 1K RL



TE Model / Part #2199249-4
Shield Finger, Loose Piece, Type B, 2.3h



TE Model / Part #3-2199250-5
TYPE C 3.8H SPRING FINGER



TE Model / Part #7-1879225-7
CPF 0603 280K 0.1% 25PPM 1K RL



TE Model / Part #4-1879135-6
RN 0603 309K 0.1% 10PPM 1K RL



TE Model / Part #2106111-4
Assembly, Right Angle TH Header, 3-Posit



Documents

Product Drawings

Shield Finger, Loose Piece, Type B, 2.0h

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2199249-3_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2199249-3_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2199249-3_A2.3d_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