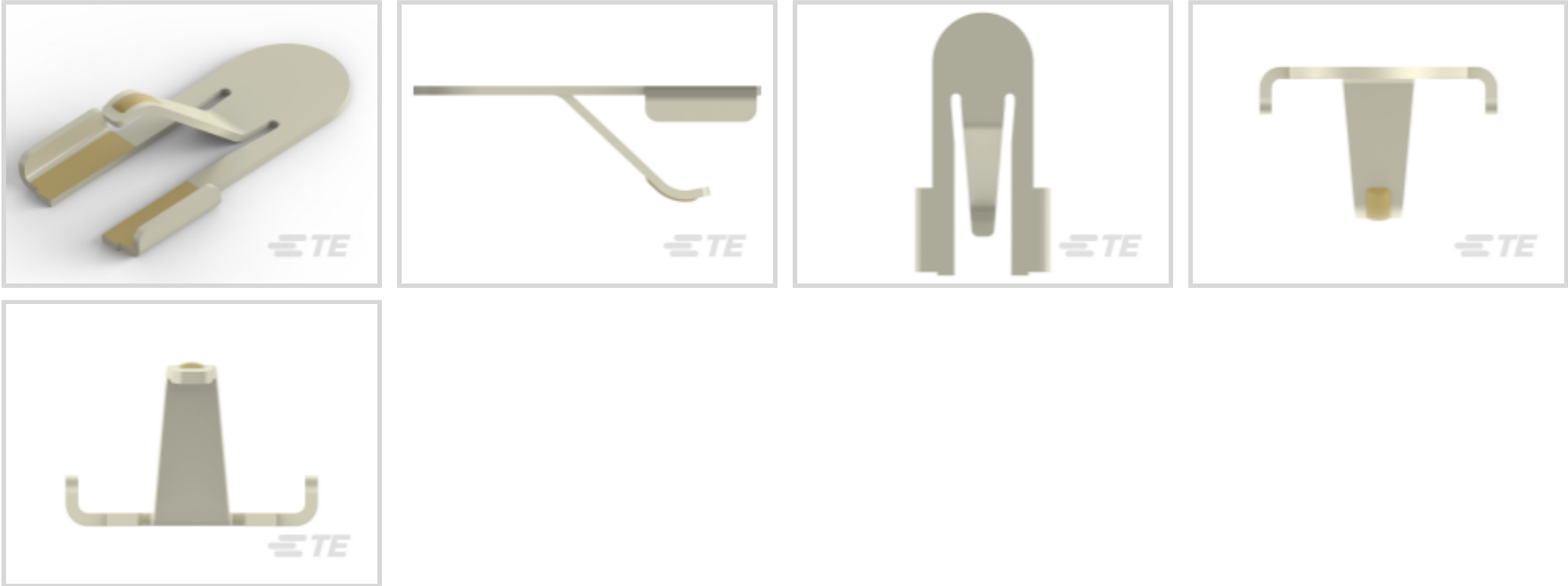




Connectors > Contacts > PCB Spring Contacts



Spring Finger Type: **C-Clip**

Scalable: **Yes**

Side Protected: **Yes**

Uncompressed Height: **1.3 mm [ .051 in ]**

Product Length: **3.9 mm [ .154 in ]**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector System                  | Board-to-Board        |
| Spring Finger Type                | C-Clip                |
| Scalable                          | Yes                   |

Configuration Features

|                     |     |
|---------------------|-----|
| Number of Positions | 1   |
| Side Protected      | Yes |

Contact Features

|                                               |                 |
|-----------------------------------------------|-----------------|
| Contact Underplating Material                 | Nickel          |
| Contact Base Material                         | Stainless Steel |
| PCB Contact Termination Area Plating Material | Gold            |
| Contact Working Range (Low)                   | .5 mm[.02 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 | 1.3 mm[.051 in] |
| Product Length      | 3.9 mm[.154 in] |
| Product Width       | 2 mm[.079 in]   |

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Tape & Reel |
| Packaging Quantity | 9000        |

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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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                     | 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

|                                                               |                                                                |                                                                |                                                                |
|---------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
|                                                               |                                                                |                                                                |                                                                |
| TE Part # 2118016-2<br>PCB ANTENNAS, WLAN DUAL BAND T&R PKG   | TE Part # 1513317-1<br>PCB ANTENNA PENTA BAND                  | TE Part # 1513430-1<br>PCB ANTENNA SINGLE BAND TAPE AND REELED | TE Part # 2108991-1<br>Helical Antenna, PCB, SMT, For IoT      |
|                                                               |                                                                |                                                                |                                                                |
| TE Part # 2108790-1<br>PCB ANTENNA SINGLE BAND BULK PACKAGED  | TE Part # 2195728-1<br>LTE + GNSS ANTENNA                      | TE Part # 2108789-2<br>PCB ANTENNA SINGLE BAND TAPE AND REELED | TE Part # 2108789-1<br>PCB ANTENNA SINGLE BAND BULK PACKAGED   |
|                                                               |                                                                |                                                                |                                                                |
| TE Part # 2306334-3<br>SPRING FINGER 1.2H                     | TE Part # 1513431-2<br>PCB ANTENNA SINGLE BAND BULK PKG        | TE Part # 1513247-1<br>PCB US DUAL BAND ANTENNA                | TE Part # 2108790-2<br>PCB ANTENNA SINGLE BAND TAPE AND REELED |
|                                                               |                                                                |                                                                |                                                                |
| TE Part # 2118614-1<br>ANTENNA, LTE, METASPAN, PCB, TAB MOUNT | TE Part # 1513431-1<br>PCB ANTENNA SINGLE BAND TAPE AND REELED | TE Part # 1513273-1<br>PCB Antenna DUAL BAND US EU             | TE Part # 1513430-2<br>PCB ANTENNA SINGLE BAND BULK PKGD       |
|                                                               |                                                                |                                                                |                                                                |
| TE Part # 2118908-2<br>PCB, WLAN TRIPLE BAND TAPE AND REELED  | TE Part # 1513169-1<br>PCB ANTENNA SINGLE BAND                 | TE Part # 1513156-1<br>PCB ANTENNA TAPE & REELED PACKED        | TE Part # 2118903-1<br>LTE/Cell Band Antenna                   |

Customers Also Bought



TE Part #EEC-325X4B-E016  
ENCLOSURE, 3.25 X 4, CLR, NO VENT

TE Part #5-104068-3  
30 SYSTEM 50 HDR DRST SHRD

TE Part #5-104069-5  
30 sys 50 hdr drra shrd sn

TE Part #5-104935-7  
06 MTE HDR SRRA LTCH.100CL LF

TE Part #603502-3  
PRE-INSUL SEALED SPLICE 22-16

TE Part #3-1761606-5  
IDC LOW PRO HDR 50P VERT LA

TE Part #1-1761607-1  
IDC LOW PRO HDR 34P RA LAT

TE Part #2134441-2  
MICRO USB, TYPE B, MIDMOUNT, REVERSE

TE Part #2199248-4  
Shield Finger, Loose Piece, Type A, 1.0 h

TE Part #2286211-3  
HIGH CURRENT SPRING FINGER

Documents

Product Drawings

SHIELD FINGER, LOOSE PIECE, TYPE A, 1.3H

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2199248-5\_A3.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2199248-5\_A3.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2199248-5\_A3.3d\_stp.zip

English

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

Product Specifications

2199248-5

C-Clip Spring Contact, 1.1 mm [.043 in] High, Scalable, Side Protected, 1.3 mm [.051 in] Uncompressed Height, 3.9 mm [.154 in] Length



Product Specification

English