

2199249-3 ✓ ACTIVE

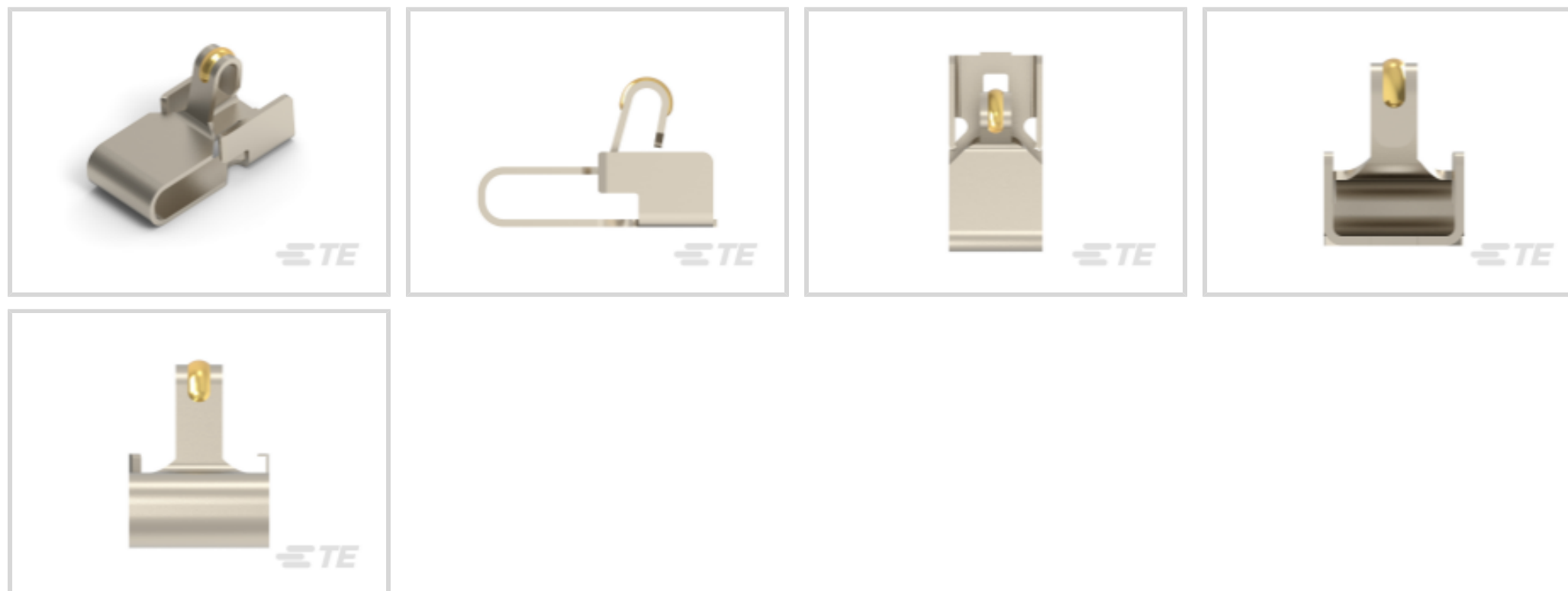
TE Internal #: 2199249-3

PCB Spring Contact, C-Clip, Scalable, Side Protected,  
Uncompressed Height 2 mm [.079 in], Length .126 in [3.2 mm],  
Width 1.5 mm [.059 in]

[View on TE.com >](#)



Connectors > PCB Connectors > Board-to-Board Connectors > 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)	1.1 mm[.043 in]
-----------------------------	-----------------

Contact Working Range (High)	1.8 mm[.071 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 – 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	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



## 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