

2306654-3 ✓ ACTIVE

TE Internal #: 2306654-3

PCB Spring Contact, Ultra Small - C-Clip, Side Protected,  
Uncompressed Height 1.8 mm [.071 in], Length .094 in [2.4 mm],  
Width 1 mm [.039 in]

[View on TE.com >](#)



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



Spring Finger Type: **Ultra Small - C-Clip**

Scalable: **No**

Side Protected: **Yes**

Uncompressed Height: **1.8 mm [.071 in]**

Contact Length: **2.4 mm [.094 in]**

## Features

### Product Type Features

Spring Finger Type	Ultra Small - C-Clip
Scalable	No
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	Stainless Steel
Contact Length	2.4 mm [.094 in]
Contact Width	1 mm [.039 in]
Contact Working Range (Low)	.9 mm [.035 in]
Contact Working Range (High)	1.4 mm [.055 in]
Point of Contact Area Plating Material	Gold
Contact Current Rating (Max)	1 A

### Dimensions

Uncompressed Height	1.8 mm [.071 in]
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### Usage Conditions

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

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	7000
Packaging Method	Tape & Reel

### Product Compliance








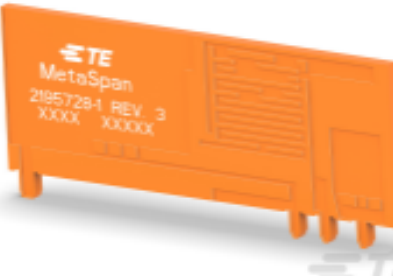










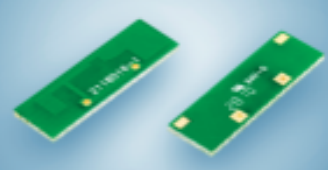

[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

 <p>TE Part # 1513431-2 PCB ANTENNA SINGLE BAND BULK PKG</p>	 <p>TE Part # 2118310-1 4G World Band, MetaSpan, Tab Mt. PCB</p>	 <p>TE Part # 1513430-2 PCB ANTENNA SINGLE BAND BULK PKGD</p>	 <p>TE Part # 2108991-1 Helical Antenna,PCB,SMT, For IoT PKGD</p>
 <p>TE Part # 2118614-1 ANTENNA, LTE, METASPAN, PCB, TAB MOUNT</p>	 <p>TE Part # 2118908-1 PCB WLAN TRIPLE BAND BULK PACKAGED</p>	 <p>TE Part # 2118908-2 PCB,WLAN TRIPLE BAND TAPE AND REELED</p>	 <p>TE Part # 2195728-1 LTE + GNSS ANTENNA</p>
 <p>TE Part # 2118903-1 LTE/Cell Band Antenna</p>	 <p>TE Part # 1513431-1 PCB ANTENNA SINGLE BAND TAPE AND REELED</p>	 <p>TE Part # 1513430-1 PCB ANTENNA SINGLE BAND TAPE AND REELED</p>	 <p>TE Part # 1513156-1 PCB ANTENNA TAPE &amp; REELED PACKED</p>
 <p>TE Part # 1513156-2 PCB SINGLE BAND ANTENNA BULK PACKED</p>	 <p>TE Part # 1513168-1 PCB Antenna Single Band</p>	 <p>TE Part # 1513169-1 PCB ANTENNA SINGLE BAND</p>	 <p>TE Part # 1513273-1 PCB Antenna DUAL BAND US EU</p>
 <p>TE Part # 1513317-1 PCB ANTENNA PENTA BAND</p>	 <p>TE Part # 1513353-1 PCB ANTENNA SINGLE BAND</p>	 <p>TE Part # 2118016-1 PCB ANTENNAS, WLAN DUAL BAND</p>	 <p>TE Part # 1513247-1 PCB US DUAL BAND ANTENNA</p>

### Customers Also Bought



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



TE Part #1447009-5  
SHIELD FINGER 0820 TYPE



TE Part #4-2176362-7  
RQ 0402 121R 0.1% 10PPM 5K RL



TE Part #6-2176362-0  
RQ 0402 165R 0.1% 10PPM 5K RL



TE Part #2-2176363-7  
RQ 0402 806R 0.1% 10PPM 5K RL



TE Part #8-2176378-2  
RQ 0805 69R8 0.1% 10PPM 5K RL



TE Part #1-1825137-5  
A103SYCB04



TE Part #90872-1  
PROCRMP TL W/DIE COMM .093 P/S

## Documents

### Product Drawings

#### SPRING FINGER 1.8H

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2306654-3\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2306654-3\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2306654-3\\_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

#### Product Compliance

English

#### Product Compliance

English

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