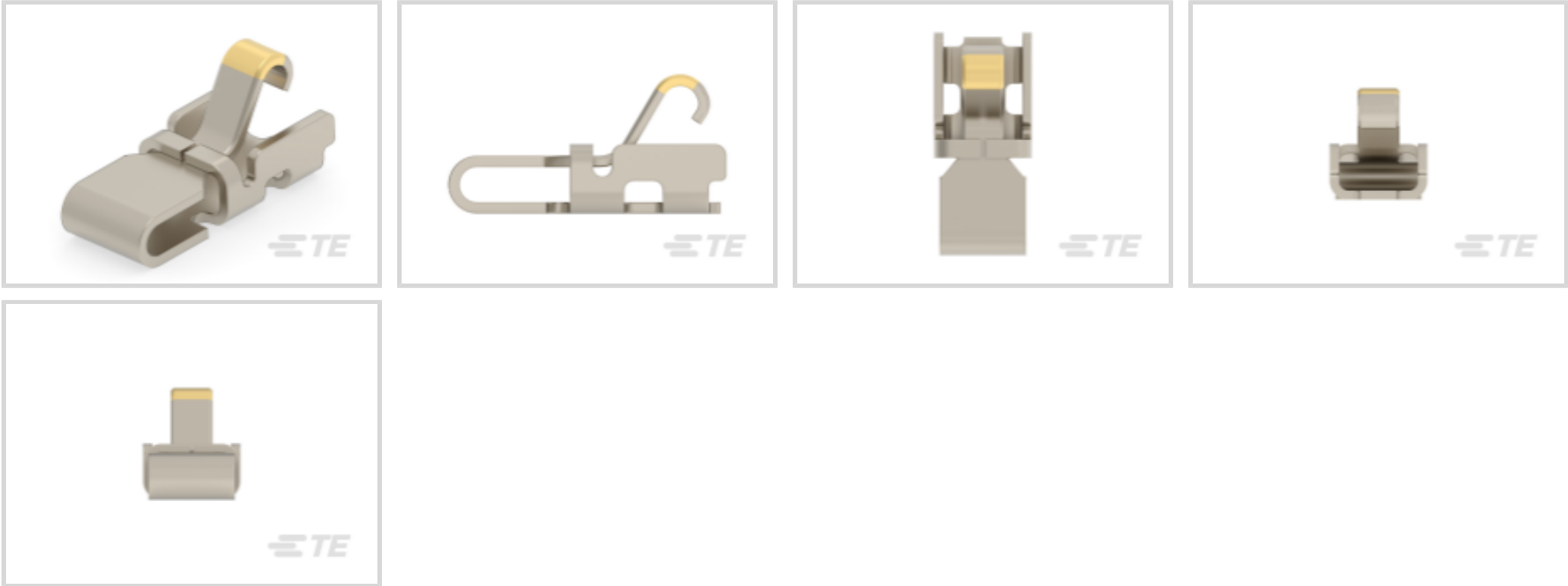




TE Internal #: 2199001-1
Preloaded - C-Clip Spring Contact, 1 mm [.039 in] High, Side
Protected, 1.2 mm [.047 in] Uncompressed Height, 2.4 mm [.094 in]
Length
[View on TE.com >](#)

Connectors > Contacts > PCB Spring Contacts



Spring Finger Type: **Preloaded - C-Clip**
Scalable: **No**
Side Protected: **Yes**
Uncompressed Height: **1.2 mm [.047 in]**
Product Length: **2.4 mm [.094 in]**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
Spring Finger Type	Preloaded - C-Clip
Scalable	No

Configuration Features

Number of Positions	1
Side Protected	Yes

Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Working Range (Low)	.7 mm[.028 in]
Contact Working Range (High)	1 mm[.039 in]
Point of Contact Area Plating Material	Gold



Contact Current Rating (Max)	1.5 A
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Dimensions

Uncompressed Height	1.2 mm[.047 in]
Product Length	2.4 mm[.094 in]
Product Width	1.05 mm[.041 in]

Usage Conditions

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

Circuit Application	Signal
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Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	8000

Product Compliance

For compliance documentation, visit the product page on TE.com>

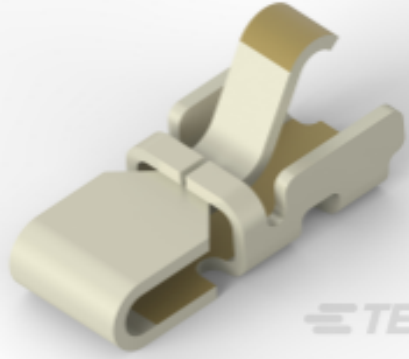
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	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 # 1513156-2 PCB SINGLE BAND ANTENNA BULK PACKED	 TE Part # 1513168-1 PCB Antenna Single Band	 TE Part # 2118310-1 4G World Band, MetaSpan, Tab Mt. PCB	 TE Part # 1513353-1 PCB ANTENNA SINGLE BAND
 TE Part # 2118016-1 PCB ANTENNAS, WLAN DUAL BAND	 TE Part # 2134078-1 SHILED FINGER 1210 EMBOSS PACKING	 TE Part # 1513259-1 WORLD GSM PCB ANTENNA BULK PACKAGED	 TE Part # 1513273-1 PCB Antenna DUAL BAND US EU
 TE Part # 1513431-1 PCB ANTENNA SINGLE BAND TAPE AND REELED	 TE Part # 1513156-1 PCB ANTENNA TAPE & REELED PACKED	 TE Part # 2118908-2 PCB,WLAN TRIPLE BAND TAPE AND REELED	 TE Part # 2118903-1 LTE/Cell Band Antenna
 TE Part # 2118908-1 PCB WLAN TRIPLE BAND BULK PACKAGED	 TE Part # 1513169-1 PCB ANTENNA SINGLE BAND	 TE Part # 1513430-2 PCB ANTENNA SINGLE BAND BULK PKGD	 TE Part # 2108789-2 PCB ANTENNA SINGLE BAND TAPE AND REELED
 TE Part # 2118614-1 ANTENNA, LTE, METASPAN, PCB, TAB MOUNT	 TE Part # 1513431-2 PCB ANTENNA SINGLE BAND BULK PKG	 TE Part # 2108790-2 PCB ANTENNA SINGLE BAND TAPE AND REELED	 TE Part # 1513247-1 PCB US DUAL BAND ANTENNA

Customers Also Bought





TE Part #CON SMA002-L-G
SMA Jack 50 Ohm PCB Through Hole



TE Part #284656-E
SRCP 2,54 3 M 1 SMD 137 E1 094 * GU-H *



TE Part #L9000058-01
Antenna 2.4 FPC SH 12x8 50 UFL



TE Part #5-104361-2
03 MTE HDR SRRA LATCH W/HLDWN



TE Part #5-535541-7
09 MODIV VRT SR CE 100/115



TE Part #3-644695-3
03P MTA100 STR HDR RETENTIVE



TE Part #3-1393789-5
V23079A2001B301



TE Part #1761606-3
IDC LOW PRO HDR 10P VERT LAT BLK



TE Part #2199248-6
Shield Finger, Loose Piece, Type A, 1.6 h



TE Part #2311776-1
AMPL PLUG, HD22, R/A, 26P, THREADED

Documents

Product Drawings
SHIELD FINGER 1210 EMBOSS PACKING
English

CAD Files
Customer View Model
ENG_CVM_CVM_2199001-1_A.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2199001-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2199001-1_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

2199001-1

Preloaded - C-Clip Spring Contact, 1 mm [.039 in] High, Side Protected, 1.2 mm [.047 in] Uncompressed Height, 2.4 mm [.094 in] Length



Product Specification

English