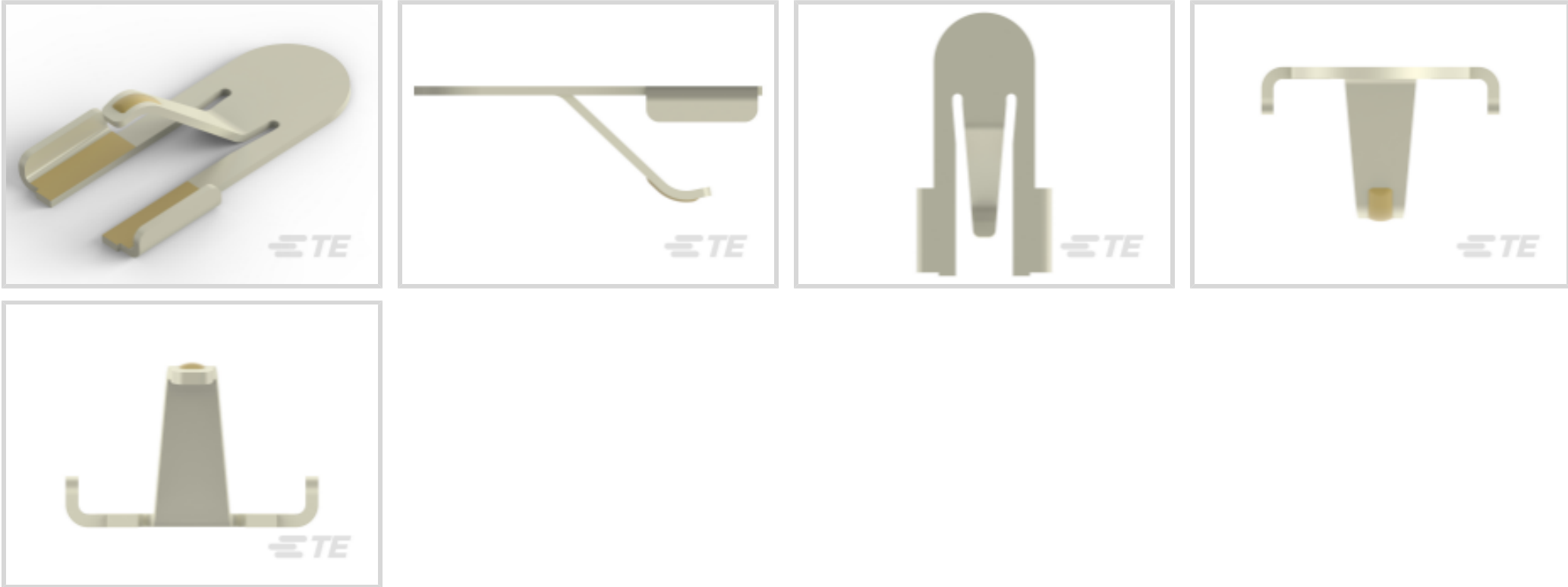




TE Internal #: 2199248-5
C-Clip PCB Spring Contact, Scalable, Side Protected, 1.3 mm [.051 in] Uncompressed Height, 3.9 mm [.154 in] Length, 2 mm [.079 in] Width
[View on TE.com >](#)

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
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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]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	9000

Product Compliance

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

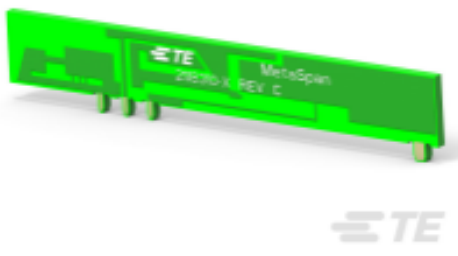
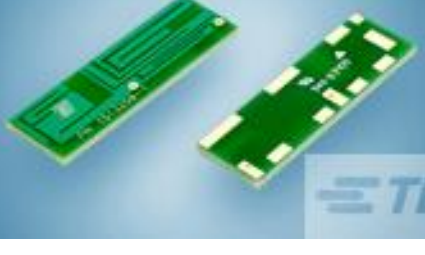
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

 TE Part # 1513156-2 PCB SINGLE BAND ANTENNA BULK PACKED	 TE Part # 1513353-1 PCB ANTENNA SINGLE BAND	 TE Part # 1551631-5 1Shield Finger, Loose Piece	 TE Part # 1513168-1 PCB Antenna Single Band
 TE Part # 2118310-1 4G World Band, MetaSpan, Tab Mt. PCB	 TE Part # 2118016-1 PCB ANTENNAS, WLAN DUAL BAND	 TE Part # 2118788-1 DUAL BAND WIFI, STAMPED ANTENNA	 TE Part # 2108788-2 PCB Antenna, SMD, 824-960 & 1710-1990MHz
 TE Part # 2108788-1 PCB Antenna, SMD, 824-960 & 1710-1990MHz	 TE Part # 1513156-1 PCB ANTENNA TAPE & REELED PACKED	 TE Part # 1513273-1 PCB Antenna DUAL BAND US EU	 TE Part # 1513430-2 PCB ANTENNA SINGLE BAND BULK PKGD
 TE Part # 1513431-1 PCB ANTENNA SINGLE BAND TAPE AND REELED	 TE Part # 1513259-1 WORLD GSM PCB ANTENNA BULK PACKAGED	 TE Part # 1513169-1 PCB ANTENNA SINGLE BAND	 TE Part # 1513259-9 WORLD GSM PCB ANTENNA TAPE AND REELED
 TE Part # 2118903-1 LTE/Cell Band Antenna	 TE Part # 2118908-1 PCB WLAN TRIPLE BAND BULK PACKAGED	 TE Part # 2118908-2 PCB,WLAN TRIPLE BAND TAPE AND REELED	 TE Part # 2108789-2 PCB ANTENNA SINGLE BAND TAPE AND REELED

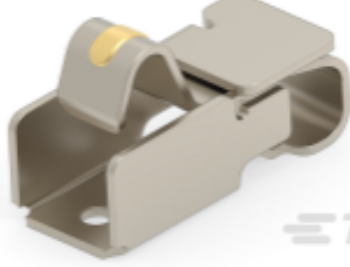
Customers Also Bought



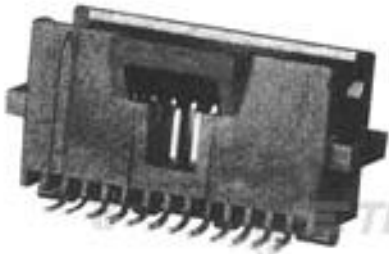
TE Part #6345112-1
Z-PACK B HEADER 154P



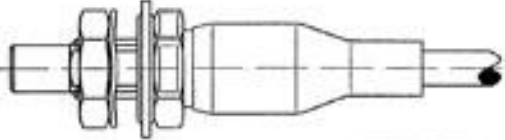
TE Part #5206942-1
SLIDELATCH CLIP ASSY, KIT



TE Part #2286211-3
HIGH CURRENT SPRING FINGER



TE Part #5-104549-1
10 SYS50 S/M HDR DRST SHRDSN



TE Part #171071-000
DK-3716-E202-TS



TE Part #2102516-2
Fortis Zd 2PR EMI Assy BP 93/7 SnPb Tail



TE Part #1676442-2
RN 0805 80R6 0.1% 10PPM 1KRL



TE Part #1447360-9
3100069=SEALED FINGR 1715EMBOS



TE Part #5-146483-3
06 MODII HDR DRST UNSHRD STKG

TE Part #ZPF000000000015322
DMC-M 20-22 YN 395

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 PCB Spring Contact, Scalable, Side Protected, 1.3 mm [.051 in] Uncompressed Height, 3.9 mm [.154 in] Length, 2 mm [.079 in] Width



Product Specification

English