

2199248-4 ✓ ACTIVE

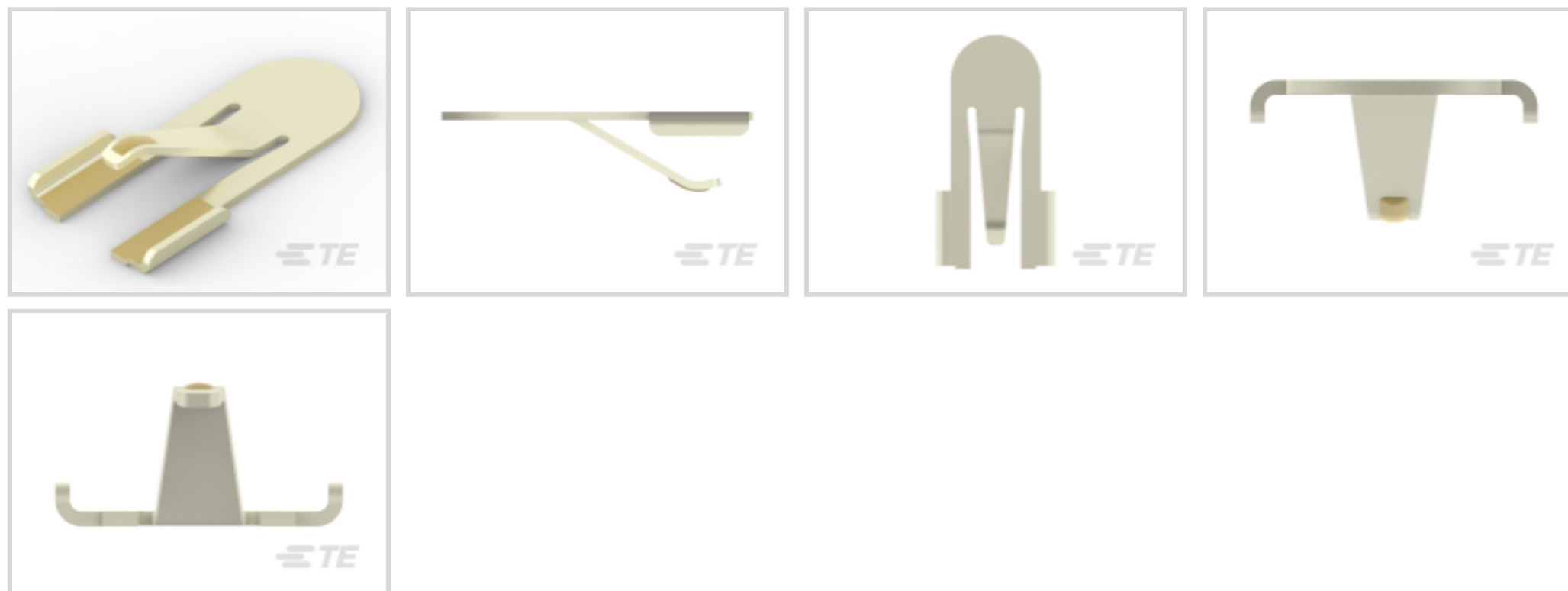
TE Internal #: 2199248-4

PCB Spring Contact, C-Clip, Scalable, Side Protected,
Uncompressed Height 1 mm [.039 in], Length .154 in [3.9 mm],
Width 2 mm [.079 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: **1 mm [.039 in]**

Contact Length: **3.9 mm [.154 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	Stainless Steel
Contact Length	3.9 mm[.154 in]
Contact Width	2 mm[.079 in]



Contact Working Range (Low)	.4 mm[.016 in]
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Contact Working Range (High)	.8 mm[.031 in]
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Point of Contact Area Plating Material	Gold
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Contact Current Rating (Max)	2 A
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Dimensions

Uncompressed Height	1 mm[.039 in]
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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 Quantity	11000
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Packaging Method	Tape & Reel
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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 # 1513431-2
PCB ANTENNA SINGLE BAND BULK PKG



TE Part # 2118310-1
4G World Band, MetaSpan, Tab Mt. PCB



TE Part # 1513430-2
PCB ANTENNA SINGLE BAND BULK PKGD



TE Part # 2108991-1
Helical Antenna, PCB, SMT, For IoT



TE Part # 2118614-1
ANTENNA, LTE, METASPAN, PCB, TAB MOUNT



TE Part # 2118908-1
PCB WLAN TRIPLE BAND BULK PACKAGED



TE Part # 2118908-2
PCB, WLAN TRIPLE BAND TAPE AND REELED



TE Part # 2195728-1
LTE + GNSS ANTENNA



TE Part # 2118903-1
LTE/Cell Band Antenna



TE Part # 1513431-1
PCB ANTENNA SINGLE BAND TAPE AND REELED



TE Part # 1513430-1
PCB ANTENNA SINGLE BAND TAPE AND REELED



TE Part # 1513156-1
PCB ANTENNA TAPE & REELED PACKED



TE Part # 1513156-2
PCB SINGLE BAND ANTENNA BULK PACKED



TE Part # 1513168-1
PCB Antenna Single Band



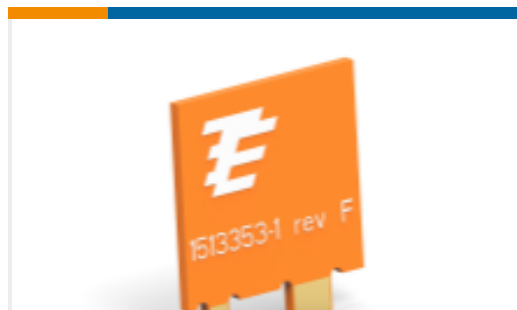
TE Part # 1513169-1
PCB ANTENNA SINGLE BAND



TE Part # 1513273-1
PCB Antenna DUAL BAND US EU



TE Part # 1513317-1
PCB ANTENNA PENTA BAND



TE Part # 1513353-1
PCB ANTENNA SINGLE BAND

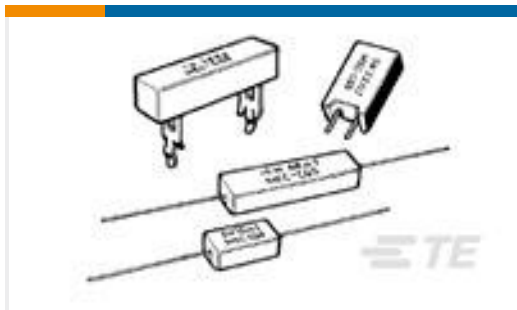


TE Part # 2118016-1
PCB ANTENNAS, WLAN DUAL BAND



TE Part # 1513247-1
PCB US DUAL BAND ANTENNA

Customers Also Bought



TE Part #1623783-2
SQM7 15K 5% (METAL FILM)



TE Part #1625826-4
Metal Chip Resistor: Current Sense



TE Part #2-2176055-6
RLP73K 2B R11 1% 1K RL



TE Part #1241150-6
6P MOD II BREAK AWAY HDR , SMD, BLISTER



TE Part #2040852-1
SHIELD FINGER 0820 N-B WITH SE



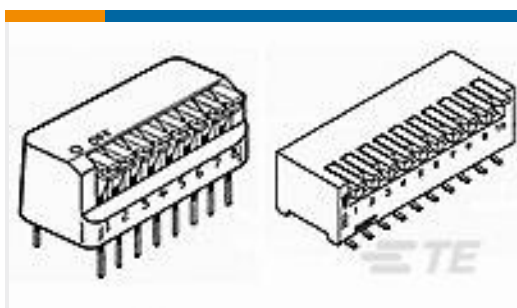
TE Part #1447360-8
SHIELD FINGER 1312 A TYPE



TE Part #2199249-3
Shield Finger, Loose Piece, Type B, 2.0 h



TE Part #1565158-1
SHIELD FINGER 1511



TE Part #2-5435802-0
RIGHT ANGLE DIP SW 10 P SEALED

Documents

Product Drawings

Shield Finger, Loose Piece, Type A, 1.0h

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2199248-4_A3.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2199248-4_A3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2199248-4_A3.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English