2199248-4 ✔ ACTIVE

TE Internal #: 2199248-4

C-Clip Spring Contact, .8 mm [.031 in] High, Scalable, Side Protected, 1 mm [.039 in] Uncompressed Height, 3.9 mm [.154 in] Length

View on TE.com >

Connectors > Contacts > PCB Spring Contacts

Spring Finger Type: **C-Clip**

Scalable: **Yes**

Side Protected: **Yes**

Uncompressed Height: **1 mm [.039 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)	.4 mm[.016 in]
Contact Working Range (High)	.8 mm[.031 in]
Point of Contact Area Plating Material	Gold

Contact Current Rating (Max)	2 A

Dimensions

Uncompressed Height	1 mm[.039 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]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	11000

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 2024 (241) 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

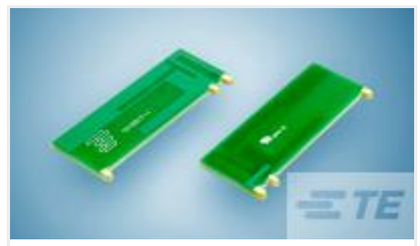
Product Compliance Disclaimer

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 # 2108784-1
PCB ANTENNA, SMD, 698-6000MHz

TE Part # 2118016-2
PCB ANTENNAS, WLAN DUAL BAND T&R PKG

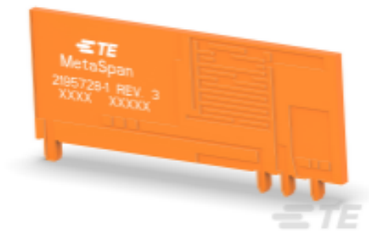


TE Part # 1513317-1
PCB ANTENNA PENTA BAND

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

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

TE Part # 2108790-1
PCB ANTENNA SINGLE BAND BULK PACKAGED



TE Part # 2195728-1
LTE + GNSS ANTENNA

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

TE Part # 2108783-2
PCB ANTENNA, SMD, 617-3800MHz

TE Part # 2108784-2
PCB ANTENNA, SMD, 698-6000MHz

TE Part # 2108783-1
PCB ANTENNA, SMD, 617-3800MHz

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

TE Part # 1513353-1
PCB ANTENNA SINGLE BAND

TE Part # 1513168-1
PCB Antenna Single Band

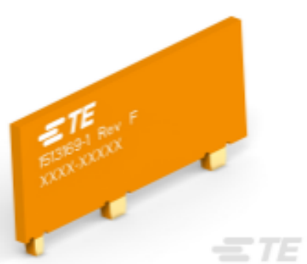
TE Part # 1513156-2
PCB SINGLE BAND ANTENNA BULK PACKED

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

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

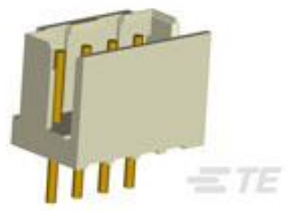
TE Part # 1513430-2
PCB ANTENNA SINGLE BAND BULK PKGD

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



TE Part # 1513169-1
PCB ANTENNA SINGLE BAND

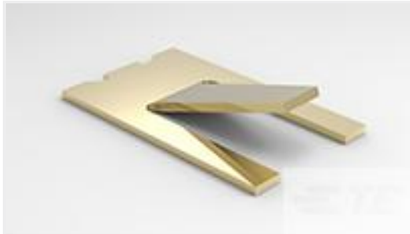
Customers Also Bought



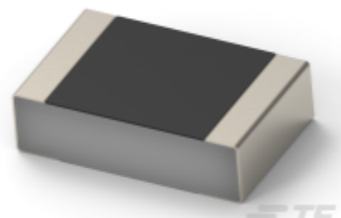
TE Part #292132-3
CT P/HDR BOX V 3P NAT

TE Part #1447360-8
SHIELD FINGER 1312 A TYPE

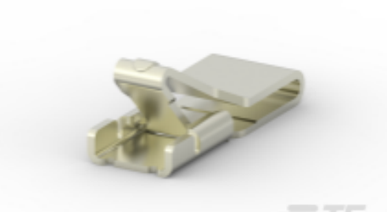
TE Part #9-1879337-9
CPF 0603 26K1 1% 50PPM 1K RL



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

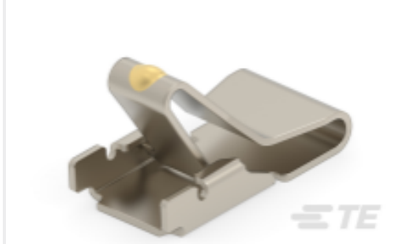


TE Part #4-2176453-0
CPF 0201 14K7 0.1% 25ppm 1K RL



TE Part #2292838-3
PLATED SPRING FINGER WITH PACKAGING

TE Part #2295163-1
22POS,MIXED,REC HSG,ASSY



TE Part #2306334-3
SPRING FINGER 1.2H

TE Part #2834167-3
RELEASABLE SLIM CONTACT

TE Part #6650383-1
284-0102-11300=CONN,SKT,COMP

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