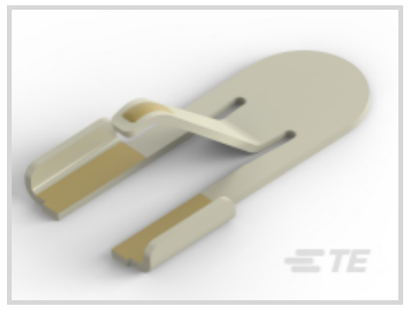
2199248-5 ✔ ACTIVE

TE Internal #: 2199248-5

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

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: **1.3 mm [.051 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)	.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

Dimensions

Uncompressed Height	1.3 mm[.051 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	9000
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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

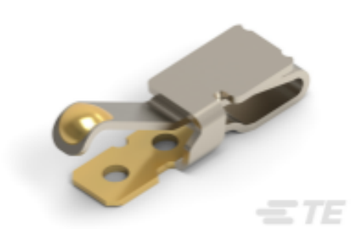
Compatible Parts



TE Part # 1513431-2
PCB ANTENNA SINGLE BAND BULK PKG



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



TE Part # 1551631-5
1Shield Finger, Loose Piece



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



TE Part # 2108991-1
Helical Antenna For IoT, T&R PKG



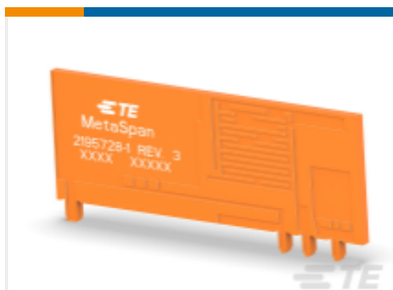
TE Part # 2118614-1
ANTENNA, LTE, METASPAN, PCB, TAB MOUNT



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



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



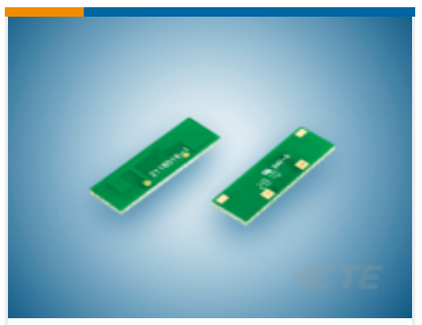
TE Part # 2195728-1
LTE + GNSS ANTENNA



TE Part # 2306334-3
SPRING FINGER 1.2H



TE Part # 2118903-1
LTE/Cell Band Antenna



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



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

Customers Also Bought



TE Part #1415898-2
PCB Power Relay: 16 Amp, Inrush



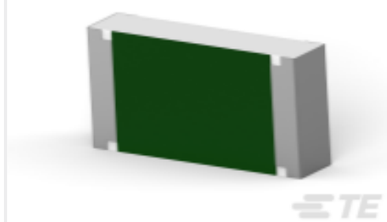
TE Part #1-292303-1
Std USB Type A, R/A, SMT



TE Part #1447360-8
SHIELD FINGER 1312 A TYPE



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



TE Part #1-2176398-5
3502 51K 1%



TE Part #1-2176331-6
CRGP 2512 180R 1%



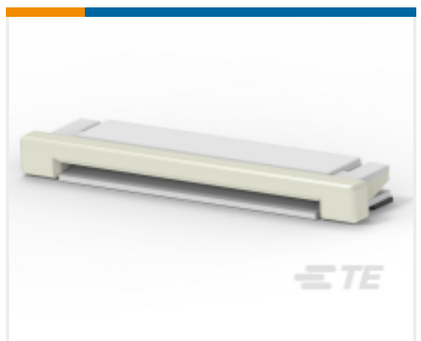
TE Part #1546927-4
4P .325 TRI-BARRIER W/COVER



TE Part #1-2834011-3
3POS 3.5MM TOP ENTRY SCREWLESS CONN.



TE Part #9-2176307-5
RP 1E 0.1W 118K 0.1% 25PPM 5K RL



TE Part #1-1775333-5
0.5mm FPC Connectors

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

Product Specification

English

Product Environmental Compliance

MD_2199248-5_08292016330_dmtec

English

MD_2199248-5_08292016330_dmtec

English