

2118903-1 ✓ ACTIVE

TE Internal #: 2118903-1

Antenna, Cellular / LTE, Printed Circuit Board, Surface Mount,  
Embedded, PCB, Product Length 2.952 in [75 mm], Width .468 in  
[11.9 mm]

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#### Antennas



Wireless Application: **Cellular, LTE**

Mounts To: **Printed Circuit Board**

Mounting Type: **Surface Mount**

Antenna Style: **Embedded**

Antenna Type: **PCB**

### Features

#### Configuration Features

Band Type	LTE Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB

#### Electrical Characteristics

VSWR (Max)	<3:1
Impedance	50 $\Omega$
Antenna Operation	Passive

#### Signal Characteristics

Frequency Band	1710 – 2170 MHz, 2300 – 2700 MHz, 698 – 960 MHz
Gain (Max)	223 dB

#### Body Features

Product Weight	3 g [.106 oz]
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### Mechanical Attachment

Polarization	Linear
Mounts To	Printed Circuit Board
Mounting Type	Surface Mount

### Dimensions

Product Length	75 mm[2.952 in]
Product Width	11.9 mm[.468 in]
Product Height	1.64 mm[.064 in]

### Operation/Application

Wireless Standard	LTE, UMTS, US Dual, EU Triband & WCDMA
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### Industry Standards

Wireless Application	Cellular, LTE
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### Product Availability

Applicable Region	Global
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### Packaging Features

Packaging Method	Bag & Box
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### Other

Precision Level	Standard
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### Product Compliance

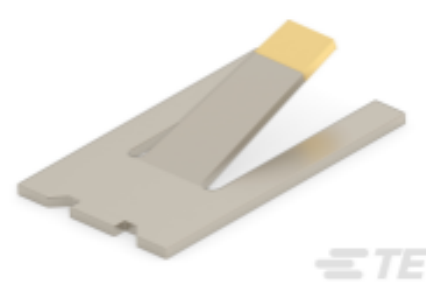

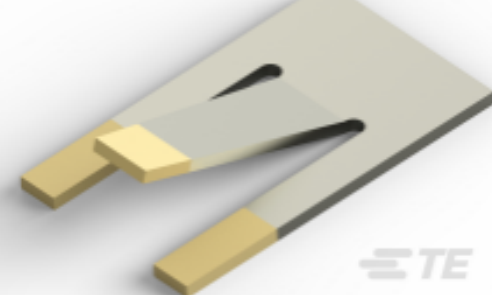
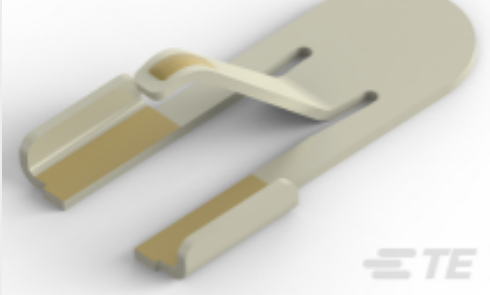
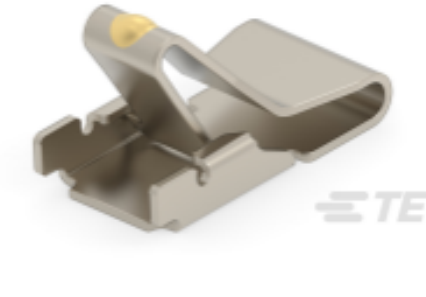



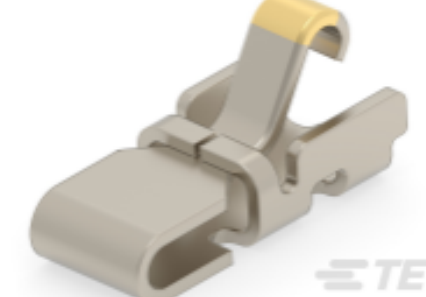

[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 245°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>

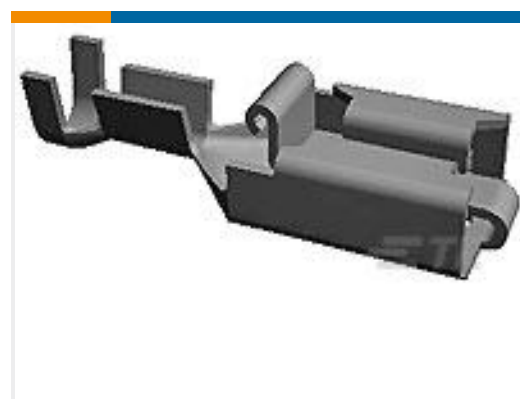
## Compatible Parts

 <p>TE Part # 2040852-1 SHIELD FINGER 0820 N-B WITH SE</p>	 <p>TE Part # 2199248-4 Shield Finger, Loose Piece, Type A, 1.0 h</p>	 <p>TE Part # 1447009-5 SHIELD FINGER 0820 TYPE</p>	 <p>TE Part # 2199248-5 SHIELD FINGER, LOOSE PIECE, TYPE A, 1.3H</p>
 <p>TE Part # 2306334-3 SPRING FINGER 1.2H</p>	 <p>TE Part # 2306454-3 SPRING FINGER 2.3H</p>	 <p>TE Part # 2306654-3 SPRING FINGER 1.8H</p>	 <p>TE Part # 2336713-2 SPRING FINGER 1.45H</p>
 <p>TE Part # 2199001-1 SHIELD FINGER 1210 EMBOSS PACKING</p>	 <p>TE Part # 8-2118903-1 2118903-1 ANTENNA WITH EVB ASSY</p>		

## Customers Also Bought



TE Part #878513-000  
Bulbous Heat Shrink Boots: Lipped,  
Right Angle



TE Part #154717-6  
PL 250 REC TERMINAL 14-11 AWG  
PTPB



TE Part #1-1703543-0  
2POS, TAB 2.8X0.8, TAB HSG, ASSY

## Documents

### Product Drawings

#### LTE/Cell Band Antenna

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2118903-1\\_A1.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2118903-1\\_A1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2118903-1\\_A1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### PCB Ant. SMD, WORLD BAND

English