2195736-1 - ACTIVE

TE Internal #: 2195736-1

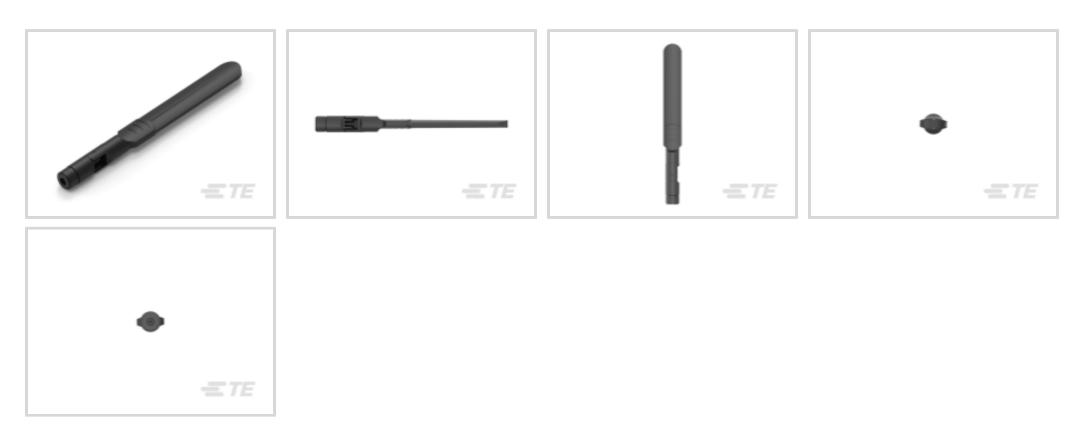
Antenna, LTE / ISM / GSM, Plug, Mounting Clinch Nuts, SMA, SMA

- Female (4)

View on TE.com >



Antennas



Wireless Application: CDMA 1900, CDMA 850, DECT EU, GPS, GSM, GSM 1800, GSM 900, ISM, LTE, Wi-Fi

Mounts To: Plug

Mounting Retention Type: Mounting Clinch Nuts

Antenna Connection Type: SMA

Antenna Connector Type: SMA - Female (4)

Features

Product Type Features

Antenna Connection Type	SMA
Antenna Connector Type	SMA - Female (4)
Configuration Features	
Band Type	3 Band
Antenna Protocol	LTE
Number of Ports	1
Antenna Style	External
Electrical Characteristics	
VSWR (Max)	<2.5:1
Impedance	50 Ω
Active Antenna	No
Signal Characteristics	
Frequency Band	1420 – 1610 MHz, 1710 – 2710 MHz, 2300 – 2700 MHz, 698 – 960 MHz
Gain (Max)	0 dB, 1 dB, 2.5 dB

2195736-1

Antenna, LTE / ISM / GSM, Plug, Mounting Clinch Nuts, SMA, SMA - Female (4)



Body Features

Product Weight	15 g[.524 oz]
Mechanical Attachment	
Region	Global
Polarization	Linear
Mounts To	Plug
Mounting Retention Type	Mounting Clinch Nuts
Dimensions	
Product Length	158 mm[6.22 in]
Product Width	17.7 mm[.69 in]
Usage Conditions	
Application by Region	Bluetooth - Global - 2400 – 2483.5 MHz, CDMA - Americas - 1850 – 1990 MHz, CDMA - Americas - 824 – 894 MHz, GNSS - Global - 1559 – 1606 MHz, LTE - EU - 1710 – 1880 MHz, LTE - Global - 1920 – 2170 MHz, LTE All Band - 2300 – 2700 MHz, LTE All Band - 698 – 960 MHz

Operation/Application

	Wire	less	Standard	
--	------	------	----------	--

802.11 b/g, Bluetooth & ZigBee, GPS, LTE, UMTS, US Dual, EU Triband & WCDMA

Industry Standards

Wireless Application

CDMA 1900, CDMA 850, DECT EU, GPS, GSM, GSM 1800, GSM 900, ISM, LTE, Wi-Fi

Packaging Features

Packaging Method

Other

Precision Level

Bag/Box

Standard

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

C For support call+1 800 522 6752

11/13/2020 10:41AM | Page 2

Antenna, LTE / ISM / GSM, Plug, Mounting Clinch Nuts, SMA, SMA - Female (4)



Current ECHA Candidate List: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Halogen Content

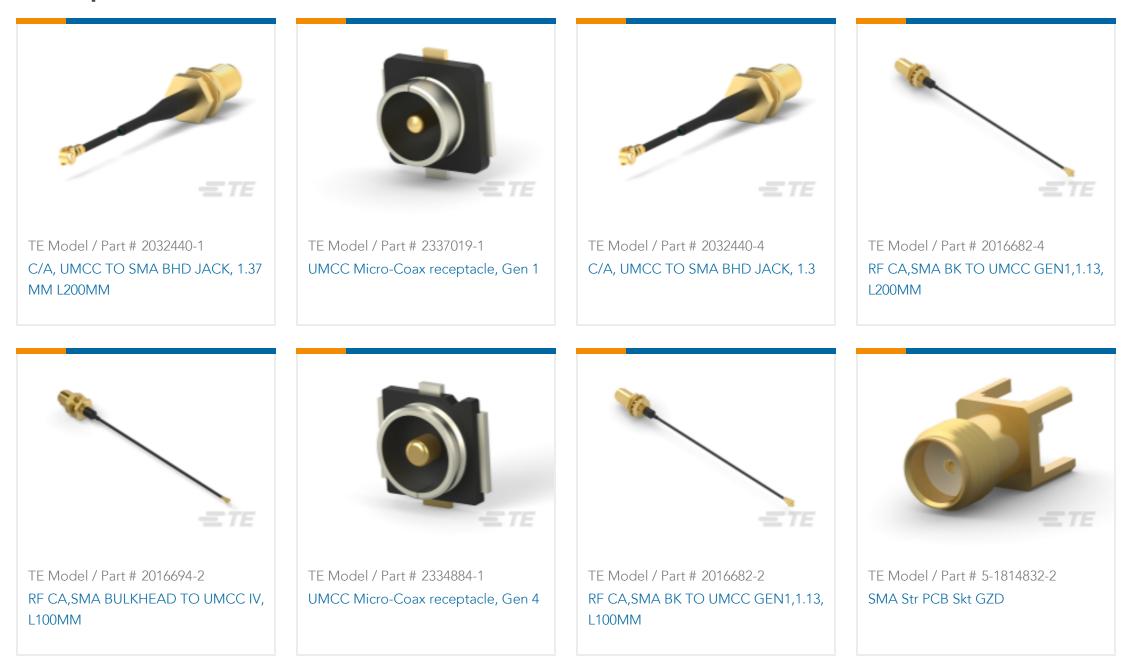
Solder Process Capability

Not applicable 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

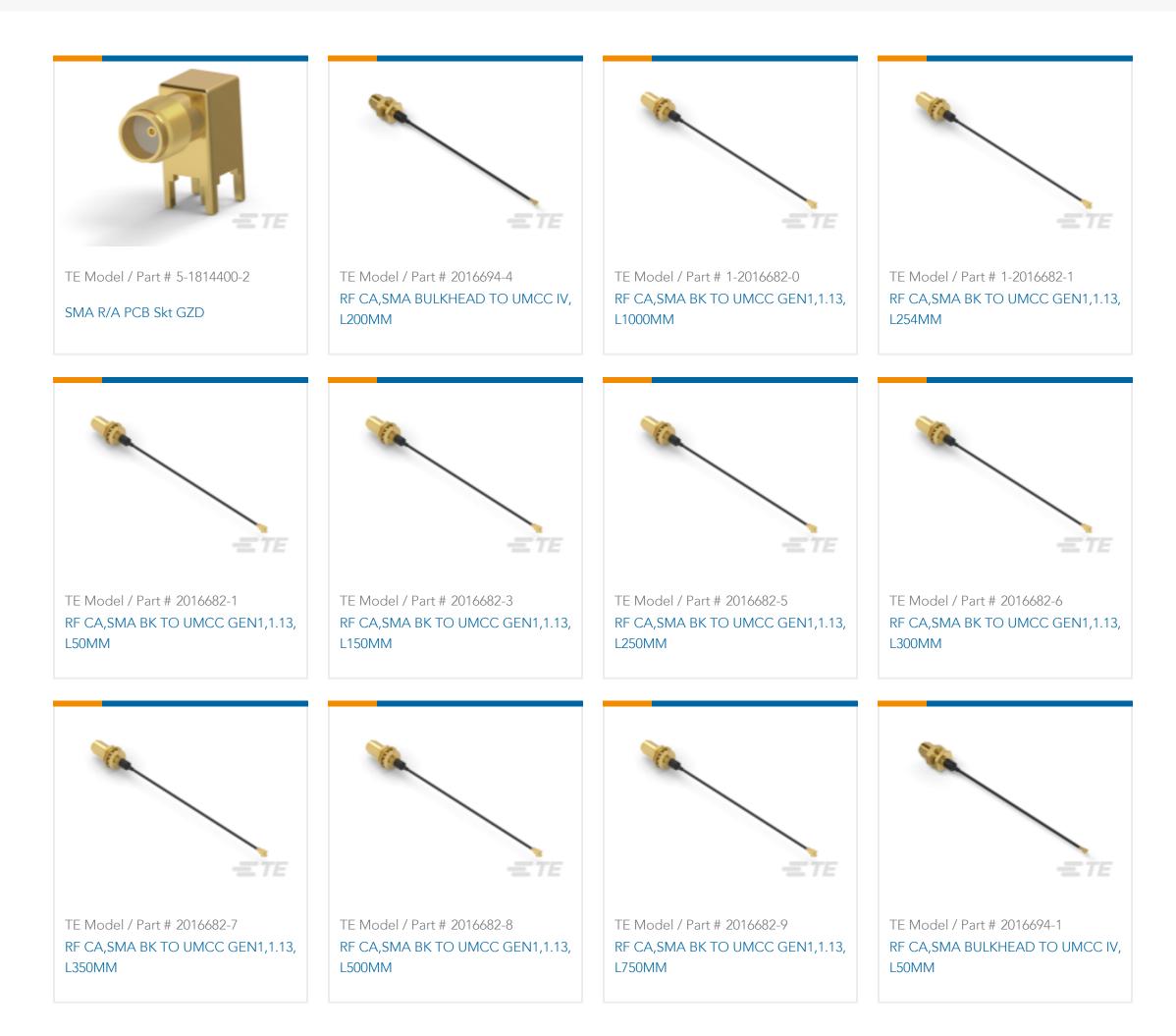
Compatible Parts



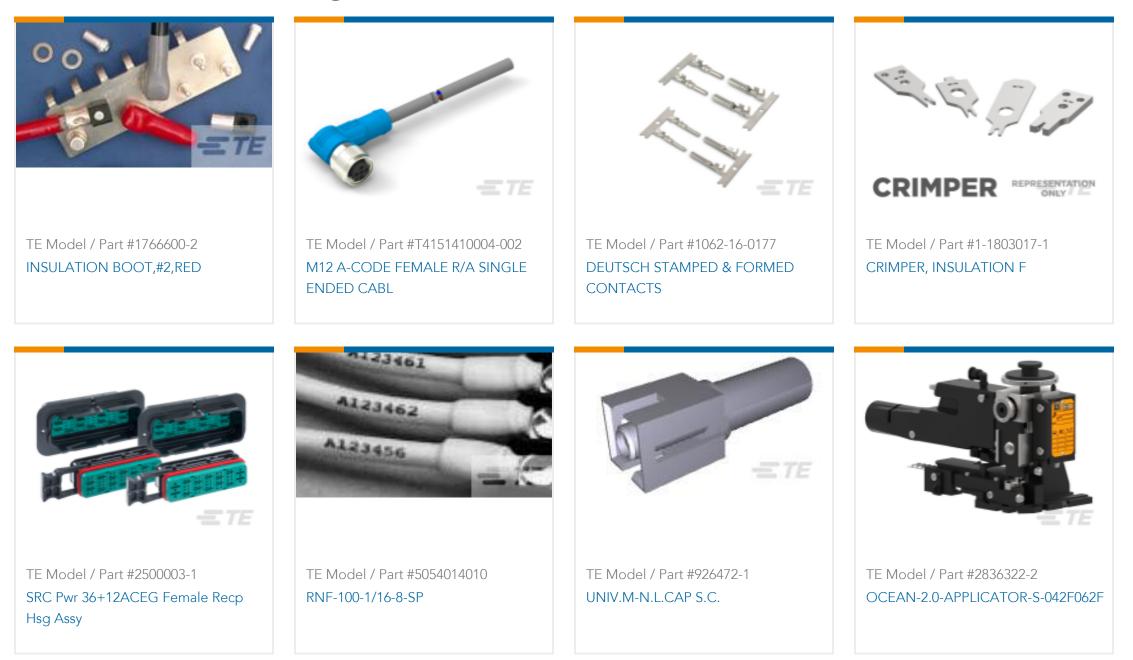
2195736-1

Antenna, LTE / ISM / GSM, Plug, Mounting Clinch Nuts, SMA, SMA - Female (4)





Customers Also Bought



2195736-1

Antenna, LTE / ISM / GSM, Plug, Mounting Clinch Nuts, SMA, SMA - Female (4)





Documents

Product Drawings LTE Terminal Antenna

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2195736-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2195736-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2195736-1_A1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages EXTERNAL PADDLE LTE ANTENNA

English