



Antennas



Wireless Application: **Bluetooth, Wi-Fi, Zigbee**

Mounting Location: **External**

Mounting Type: **Connector**

Antenna Termination: **RP-SMA**

Antenna Type: **Terminal/Duck**

Features

Product Type Features

Antenna Termination	RP-SMA
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Configuration Features

Mounting Location	External
Antenna Type	Terminal/Duck
Band Type	Dual Band
Port Configuration	Single Port

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<1.7:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	3.7 dB
Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz
Nominal Frequency Range	2400 – 5950
Peak Gain	3 < 6 dBi



Body Features

Product Weight	8 g[.282 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Connector

Dimensions

Product Width	10 mm[.39 in]
Product Length	109 mm[4.291 in]

Operation/Application

Wireless Standard	802.11 a/b/g/n/ac/ad, Bluetooth, ZigBee & Wi-Fi
Directionality	Omnidirectional

Industry Standards

Wireless Application	Bluetooth, Wi-Fi, Zigbee
Primary Application	Wi-Fi

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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (3.05% in Component Part) <small>Article Safe Usage Statements:</small>



Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Bromine/Chlorine - Br and Cl < 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 # 2032440-1
C/A, UMCC TO SMA BHD JACK, 1.37 MM L200MM



TE Part # 2016682-2
RF CA,UMCC1 TO SMA JACK,1.13MM, L100MM



TE Part # 2016682-4
RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM



TE Part # 2016694-2
RF CA,UMCC4 TO SMA JACK,1.13MM, L100MM




TE Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4



TE Part # 2337019-1
UMCC Micro-Coax receptacle, Gen 1



TE Part # 2404600-3
RF CA,UMCC1 TO SMA JACK-WP,1.13 MM,L150MM



TE Part # 2410331-2
CA,UMCC4 TO SMA JACK WP,0.81 MM,L100MM



TE Part # 2410331-4
CA,UMCC4 TO SMA JACK WP,0.81 MM,L200MM



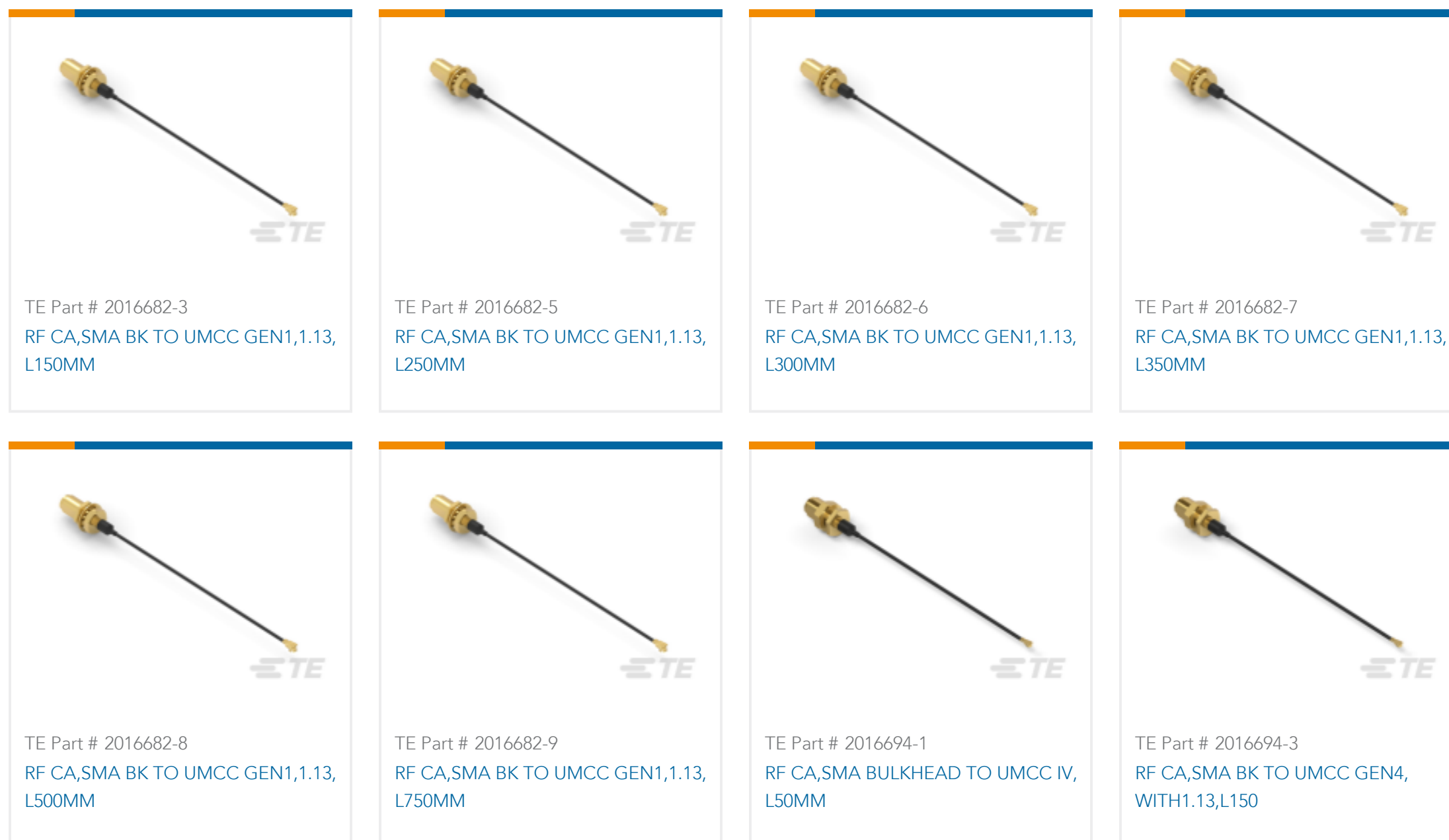
TE Part # 1-2016682-0
RF CA,SMA BK TO UMCC GEN1,1.13, L100MM



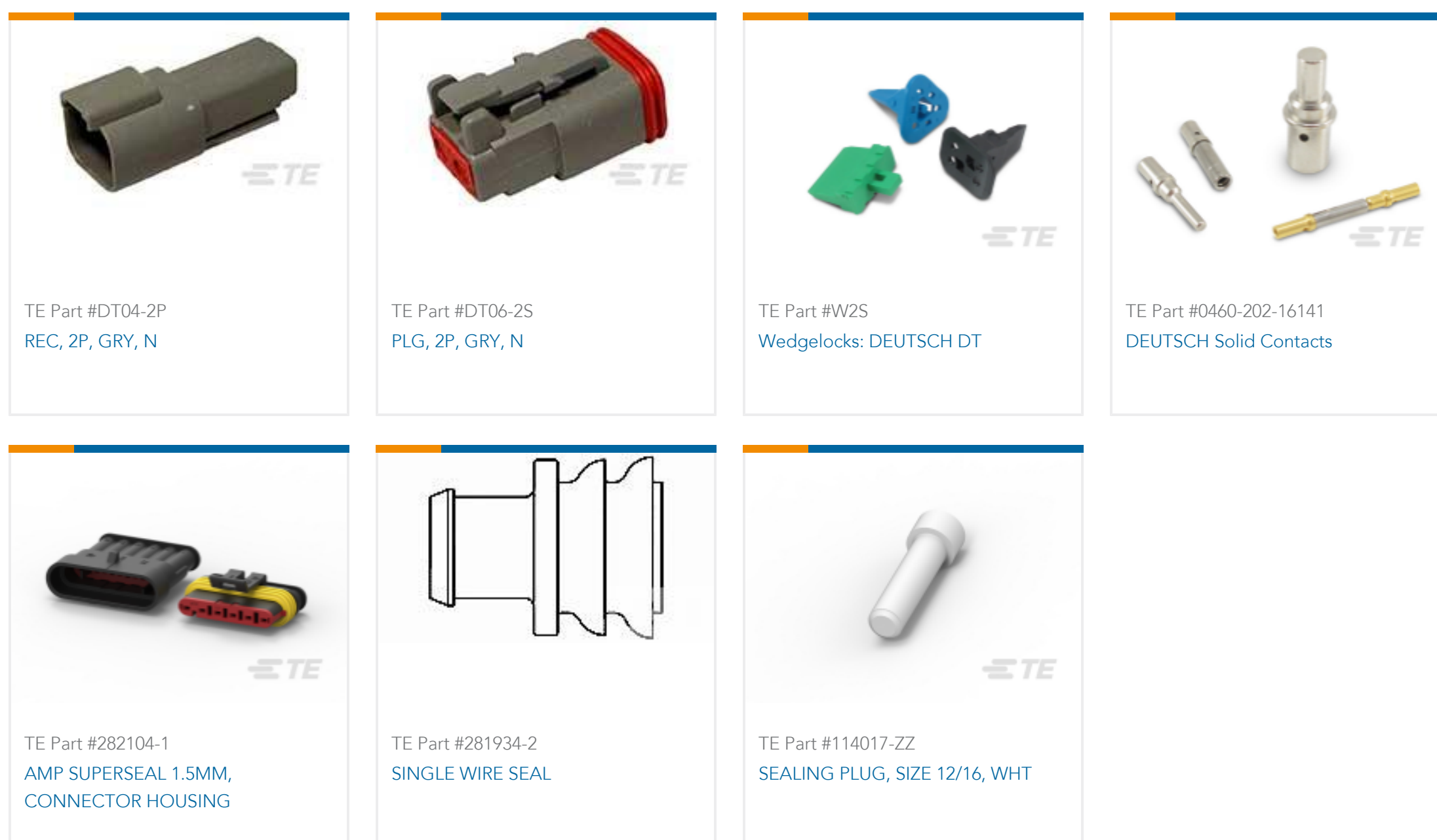
TE Part # 1-2016682-1
RF CA,SMA BK TO UMCC GEN1,1.13, L254MM



TE Part # 2016682-1
RF CA,SMA BK TO UMCC GEN1,1.13, L50MM



Customers Also Bought



Documents

Product Drawings

Terminal Antenna, RP SMA, WLAN Dual Band

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2108936-2_1.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_2108936-2_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108936-2_1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Terminal Antenna, SMA, WLAN Dual Band](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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