



Antennas



Wireless Application: CDMA 1900, GSM, GSM 1800, GSM 900

Mounts To: Plug

Mounting Retention Type: Mounting Clinch Nuts

Antenna Connection Type: SMA

Antenna Connector Type: SMA

Features

Product Type Features

Antenna Connection Type	SMA
Antenna Connector Type	SMA

Configuration Features

Number of Ports	1
Antenna Style	External

Electrical Characteristics

VSWR (Max)	<3:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	1710 – 1990 MHz, 880 – 960 MHz
Gain (Max)	0 dB, 3 dB

Body Features

Product Weight	6.5 g
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Mechanical Attachment



Region	EU
Polarization	Linear
Mounts To	Plug
Mounting Retention Type	Mounting Clinch Nuts

Dimensions

Product Length	47 mm[1.85 in]
Product Width	7.8 mm[.3 in]

Usage Conditions

Application by Region	CDMA - Americas - 1850 – 1990 MHz, GSM - Americas - 1850 – 1990 MHz, GSM - EU - 1710 – 1880 MHz, GSM - EU - 880 – 960 MHz, ISM - US - 902 – 928 MHz, LTE - EU - 1710 – 1880 MHz, LTE - EU - 880 – 960 MHz, LTE - Global - 1920 – 2170 MHz, UMT - Global - 1920 – 2170 MHz, ZigBee - US - 902 – 928 MHz
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Operation/Application

Wireless Standard	915 ISM & ZigBee US, EU Cellular, EU Dual Band
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Industry Standards

Wireless Application	CDMA 1900, GSM, GSM 1800, GSM 900
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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: JUN 2020 (209) Candidate List Declared Against: JAN 2020 (205) Does not contain REACH SVHC

Halogen Content

Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

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



TE Model / Part # 2032440-1
C/A, UMCC TO SMA BHD JACK, 1.37 MM L200MM



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



TE Model / Part # 2032440-4
C/A, UMCC TO SMA BHD JACK, 1.3



TE Model / Part # 2016682-4
RF CA,SMA BK TO UMCC GEN1,1.13, L200MM



TE Model / Part # 2016694-2
RF CA,SMA BULKHEAD TO UMCC IV, L100MM



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



TE Model / Part # 2016682-2
RF CA,SMA BK TO UMCC GEN1,1.13, L100MM



TE Model / Part # 5-1814832-2
SMA Str PCB Skt GZD



TE Model / Part # 5-1814400-2
SMA R/A PCB Skt GZD



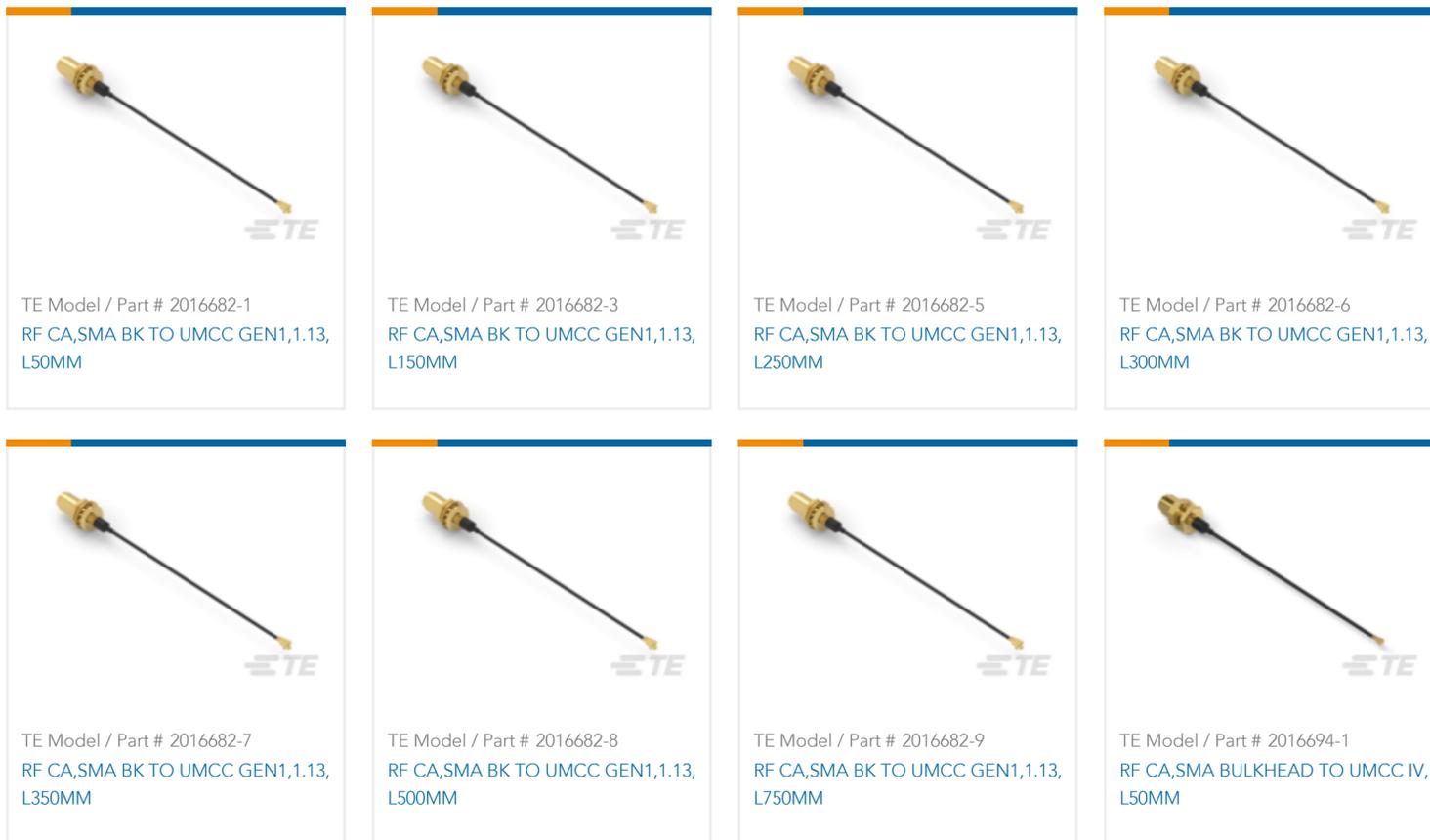
TE Model / Part # 2016694-4
RF CA,SMA BULKHEAD TO UMCC IV, L200MM



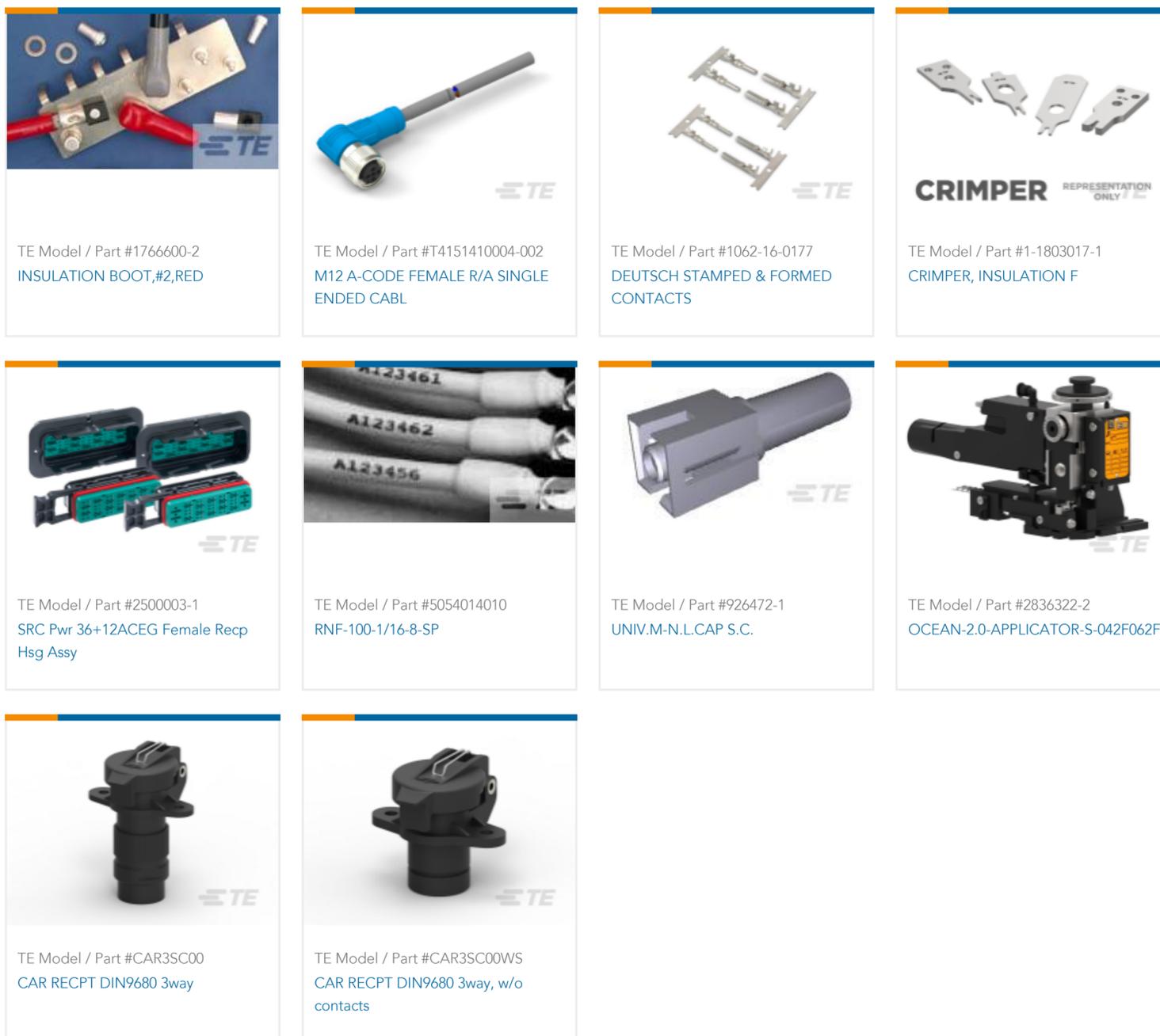
TE Model / Part # 1-2016682-0
RF CA,SMA BK TO UMCC GEN1,1.13, L1000MM



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



Customers Also Bought



Documents



Product Drawings

EXTERNAL DUAL BAND GSM ANTENNA

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2195632-1_3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195632-1_3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195632-1_3.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Datasheet 2195632-1

English