



Antennas



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

Mounts To: **Plug**

Mounting Retention Type: **Mounting Clinch Nuts**

Antenna Connection Type: **RP-SMA**

Antenna Connector Type: **SMA Plug**

Features

Product Type Features

Antenna Connection Type	RP-SMA
Antenna Connector Type	SMA Plug

Configuration Features

Number of Ports	1
Antenna Style	External
Antenna Type	Enclosure

Electrical Characteristics

VSWR (Max)	< 2.0:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2500 MHz
Gain (Max)	5 dB

Body Features

Product Weight	23 g
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Mechanical Attachment

Region	Global
Polarization	Vertical Linear
Mounts To	Plug
Mounting Retention Type	Mounting Clinch Nuts

Dimensions

Product Length	196 mm[7.71 in]
Product Width	13 mm[.51 in]

Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, Wi-Fi - Global - 2400 – 2483.5 MHz, WLAN - Global - 2400 – 2483.5 MHz, ZigBee - Global - 2400 – 2483.5 MHz
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Operation/Application

Wireless Standard	802.11 b/g, Bluetooth & ZigBee
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Industry Standards

Wireless Application	Bluetooth, Wi-Fi, ZigBee
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Pb (.87% in Component Part) Article Safe Usage Statements: 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.

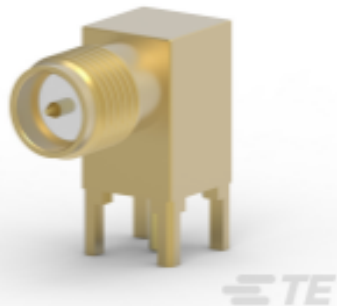


Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 Part # 2016693-2 RF CA,RP-SMA BULKHEAD TO UMCC I,L100MM	 TE Part # 2016693-4 RF CA,RP-SMA BULKHEAD TO UMCC I,L200MM	 TE Part # 2016695-2 RF CA,RP-SMA BULKHEAD TO UMCC IV,L100MM	 TE Part # 2016504-1 SMA RIGHT ANGLE, PCB, RP
 TE Part # 2016693-1 RF CA,RP-SMA BULKHEAD TO UMCC I,L50MM	 TE Part # 2016693-3 RF CA,RP-SMA BULKHEAD TO UMCC I,L150MM	 TE Part # 2016693-5 RF CA,RP-SMA BULKHEAD TO UMCC I,L250MM	 TE Part # 2016693-6 RF CA,RP-SMA BULKHEAD TO UMCC I,L300MM
 TE Part # 2016693-7 RF CA,RP-SMA BULKHEAD TO UMCC I,L350MM	 TE Part # 2016693-8 RF CA,RP-SMA BULKHEAD TO UMCC I,L450MM	 TE Part # 2016693-9 RF CA,RP-SMA BULKHEAD TO UMCC I,L500MM	 TE Part # 2016695-1 RF CA,RP-SMA BULKHEAD TO UMCC IV,L50MM





TE Part # 2016695-3
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L150MM



TE Part # 2016695-4
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L200MM



TE Part # 2016695-5
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L250MM



TE Part # 2016695-6
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L300MM



TE Part # 2016695-7
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L350MM



TE Part # 2016695-8
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L450MM



TE Part # 2016695-9
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L500MM

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

Terminal Antenna,RP-SMA,Wi-Fi,2.4-2.5GHz

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2195772-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2195772-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2195772-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Datasheet 2195772-1

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English