



Antennas



Communication Protocol: 5G

Mounting Location: External

Mounting Type: Panel Mount

Frequency Category: 617 – 6000

Antenna Type: Terminal/Duck

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Enclosure
Mounting Location	External
Antenna Type	Terminal/Duck
Band Type	Single Band

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<3:1

Signal Characteristics

Frequency Band	423 – 443 MHz
Frequency Category	617 – 6000
Peak Gain	3 < 6 dBi



Mechanical Attachment

Polarization	Vertical Linear
Mounting Type	Panel Mount

Operation/Application

Antenna Environment	Indoor
Wireless Standard	433 ISM
Directionality	Omnidirectional

Industry Standards

Communication Protocol	5G
Primary Application	5G

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

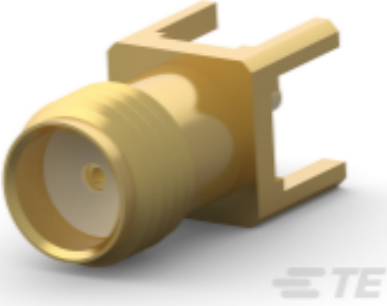
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 TE Part # 2016694-7 RF CA,SMA BULKHEAD TO UMCC IV, L350MM	 TE Part # 5-1814400-2 SMA R/A PCB Skt GZD	 TE Part # 2032440-2 C/A, UMCC TO SMA BHD JACK, 1.3. L-370MM	 TE Part # 5-1814832-2 SMA Str PCB Skt GZD
 TE Part # 2468121-1 SMA STR PCB SKT GZD	 TE Part # 2016682-9 RF CA,SMA BK TO UMCC GEN1,1.13, L750MM	 TE Part # 2016694-9 RF CA,SMA BULKHEAD TO UMCC IV, L500MM	 TE Part # 2016694-3 RF CA,SMA BK TO UMCC GEN4, WITH1.13,L150
 TE Part # 2016694-1 RF CA,SMA BULKHEAD TO UMCC IV, L50MM	 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 # 2468122-1 SMA RA PCB SKT G2D
 TE Part # 2016682-1 RF CA,SMA BK TO UMCC GEN1,1.13, L50MM	 TE Part # 2016682-5 RF CA,SMA BK TO UMCC GEN1,1.13, L250MM	 TE Part # 2016694-6 RF CA,SMA BK TO UMCC GEN4, WITH1.13,L300	 TE Part # 2016694-8 RF CA,SMA BULKHEAD TO UMCC IV, L450MM





TE Part # 2016694-5
RF CA,SMA BK TO UMCC GEN4,
WITH 1.13,L250



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



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



TE Part # 2032440-3
C/A, UMCC TO SMA BHD JACK, 1.3

Customers Also Bought



TE Part #CONSMA010-G
SMA Jack to SMA Plug RA



TE Part #CSJ-SGFB-100-MHF4
SMA to MHF4 100mm 0.81 OD



TE Part #NB09012001
ATUM-12/3-0-STK



TE Part #ANT-W63WS5-SMA
Antenna Blade Wifi6/6E Swivel SMA



TE Part #31428
TERMINAL,BUDG R 26-22 4



TE Part #1622298-1
LR1 1% 10K



TE Part #4-1625999-7
HSC100 6R4 5%



TE Part #2029030-2
2P MICRO MNL HDR ASY SR SIDE L



TE Part #2487805-1
WHIP ANT, SMA-RIGHT ANGLE, 617-
5000MHz



TE Part #L9000126-01
Antenna FPC Sub-6 LTE/5G 1.13 100
UFL

Documents

Product Drawings

WHIP ANT, SMA-STRAIGHT, 617-5000MHz

English

CAD Files

Customer View Model

ENG_CVM_CVM_2487514-1_1.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_2487514-1_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2487514-1_1.3d_stp.zip](#)

English

3D PDF

3D

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Datasheets & Catalog Pages

[WHIP ANT, SMA-STRAIGHT, 617-5000MHz](#)

English

Product Specifications

[Product Specification](#)

English