ANT-W63-CW-RCS-SMA ✔ ACTIVE

TE Internal #: ANT-W63-CW-RCS-SMA

Terminal/Duck Antenna, Triple Band, Wi-Fi, External Mount, Connector, SMA, Omnidirectional, Single Port, Gain > 6 dBi

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Antennas

Wireless Application: **Wi-Fi**

Mounting Location: **External**

Mounting Type: **Connector**

Antenna Termination: **SMA**

Antenna Type: **Terminal/Duck**

Features

Product Type Features

Antenna Termination	SMA

Configuration Features

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

Signal Characteristics

Nominal Frequency Range	2400 – 7125
Peak Gain	> 6 dBi

Mechanical Attachment

Mounting Type	Connector

Operation/Application

Directionality	Omnidirectional

Industry Standards

Wireless Application	Wi-Fi
Primary Application	Wi-Fi

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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 # CONSMA001
SMA Jack 50 Ohm PCB Through Hole

TE Part # CONSMA002-L-G
SMA Jack 50 Ohm PCB Through Hole

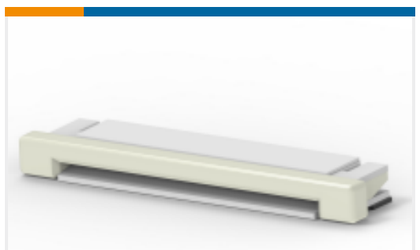
TE Part # CONSMA002-SMD-G
SMA Jack 50 Ohm PCB Surface Mount

TE Part # CONSMA008-G
SMA Jack 50 Ohm Through Hole PCB

Customers Also Bought

TE Part #6609067-2
36AYC10B=F7747D

TE Part #1-1393210-9
T9AS1D12-48



TE Part #1-1734742-0
0.5mm FPC Connectors

TE Part #6-1622826-4
CRG0402 ZEROHM

TE Part #1376164-1
BATTERY HOLDER ML621 ASSY

TE Part #2-327043-1
PG SPD 22-16 COMM 22-18 MIL 6

TE Part #2329383-1
PB OFF/ON FC BLK M1 TERM. IP68

TE Part #2351449-4
UMINSA SW RLEV0.88N 3A/1.5A AC SC PCB

TE Part #2199230-4
M.2 0.5PITCH 4.2H KEY E 15U'' AU

Documents

Product Drawings

Antenna 1/4 Wave R-Angle Wifi6/6E SMA

English

Datasheets & Catalog Pages

VHETH Antenna Series Ground Plane Optimization

English

Sub-6 Cellular LTE-5G NR Frequency Band Guide

English

Considerations for Operation within the 260-470MHz Band

English

Understanding Antenna Specifications and Operation

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Antennas Design, Application and Performance

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Antenna Color Codes

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The FCC Road Part 15 From Concept to Approval

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RF 101 Information for the RF Challenged

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Virtual Antenna

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Microsplatch Ground Plane Optimization

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WiFi 6/6E/7 Right-Angle Whip Antenna

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