ANT-ELE-S01-011 ACTIVE

TE Internal #: ANT-ELE-S01-011

Whip Antenna, Single Band, Bluetooth / ISM, External Mount, Stud

/Screw/Lug Mount, M5, Omnidirectional, Single Port

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Antennas



Wireless Application: Bluetooth, ISM

Mounting Location: External

Mounting Type: Stud/Screw/Lug Mount

Antenna Termination: M5
Antenna Type: Whip

Features

Product Type Features

Antenna Termination	M5	
Configuration Features		

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Antenna Style	Whip
Mounting Location	External
Antenna Type	Whip
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

VSWR (Max)	<2.1:1
Impedance	50 Ω

Signal Characteristics

Frequency Band	2400 – 2485 MHz
Nominal Frequency Range	2400 – 2500

Mechanical Attachment

Product Width

Polarization	Linear
Mounting Type	Stud/Screw/Lug Mount
Dimensions	

10 mm[.39 in]



Product Length	25.91 mm[1.02 in]
Product Height	0 mm[0 in]
Operation/Application	
Directionality	Omnidirectional
Industry Standards	
Wireless Application	Bluetooth, ISM
Primary Application	Bluetooth, ISM

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 # ANT-MAG-B66-SMA

4M SMA

Antenna Magnetic Base 66mm RG174



TE Part # ANT-MAG-B50-RPS
Antenna Magnetic Base 50mm RG174
4M RPS

TE Part # ANT-MAG-B50-SMA
Antenna Magnetic Base 50mm RG174
4M SMA

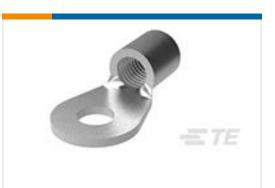
Customers Also Bought



TE Part #6609067-2 36AYC10B=F7747D



TE Part #327583 SPLICE BUTT PIDG 16-14/22-18



TE Part #33465 TERMINAL, SOLIS R 6 1/4





TE Part #33466 TERMINAL,SOLIS R 6 5/16



TE Part #170887-4
SLEEVE DIA5 SHUR PLUG NAT



TE Part #1742456-2 RT .265 DIA TERMINAL 10-6 AWG TPCU



MagBase-Mnt



TE Part #ANT-MAG-B50-SMA
Antenna Magnetic Base 50mm RG174
4M SMA



TE Part #ANT-MAG-B66-RPS
Antenna Magnetic Base 66mm RG174
4M RPS

Documents

Product Drawings

Antenna Short 2.4GHz MagBase-Mnt

English

Datasheets & Catalog Pages

ANT-ELE-S01-011

English