

ANT-ELE-S01-011

✓ ACTIVE

TE Internal #: ANT-ELE-S01-011

Terminal/Duck 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**

Frequency Category: **2400 – 2500**

Antenna Type: **Terminal/Duck**

Features

Product Type Features

Antenna Termination	M5
Antenna Product Type	Antenna Mount

Configuration Features

Antenna Style	Whip
Mounting Location	External
Antenna Type	Terminal/Duck
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
Frequency Category	2400 – 2500

Mechanical Attachment

Polarization	Linear
Mounting Type	Stud/Screw/Lug Mount

Dimensions

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Product Width	10 mm[.39 in]
Product Length	25.91 mm[1.02 in]
Product Height	0 mm[0 in]

Operation/Application

Directionality	Omnidirectional
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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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # ANT-MAG-B50-RPS  
Antenna Magnetic Base 50mm RG174  
4M RPS



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

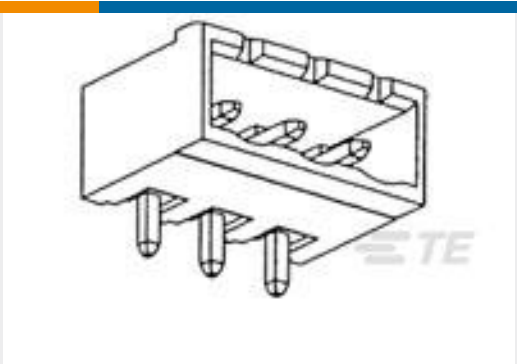


TE Part # ANT-MAG-B66-SMA  
Antenna Magnetic Base 66mm RG174  
4M SMA



TE Part # ANT-MAG-B85-SMA  
Antenna Magnetic Base 85mm RG174  
4M SMA

Customers Also Bought



TE Part #796644-2  
2POS 5.0MM CE R/A HDR,TRM BLK



TE Part #1-1734248-5  
1.0 FPC, ZIF V/T, SMT, 15P



TE Part #1-1625886-1  
1W SM M/OX 5% 39R



TE Part #1SNK516010R0000  
ZS35



TE Part #1SNK516150R0000  
ZS35-PE



TE Part #1SNK916302R0000  
JB16-2



TE Part #ANT-ELE-S01-008  
Antenna DualBand 824-960MHz  
MagBase-Mnt



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



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



TE Part #ANT-MAG-B85-RPS  
Antenna Magnetic Base 85mm RG174  
4M RPS

Documents

Product Drawings

Antenna Short 2.4GHz MagBase-Mnt

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_ANT-ELE-S01-011\_A1.2d\_dxf.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_ANT-ELE-S01-011\\_A1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_ANT-ELE-S01-011\\_A1.3d\\_igs.zip](#)

English

[3D PDF](#)

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ANT-ELE-S01-011](#)

English