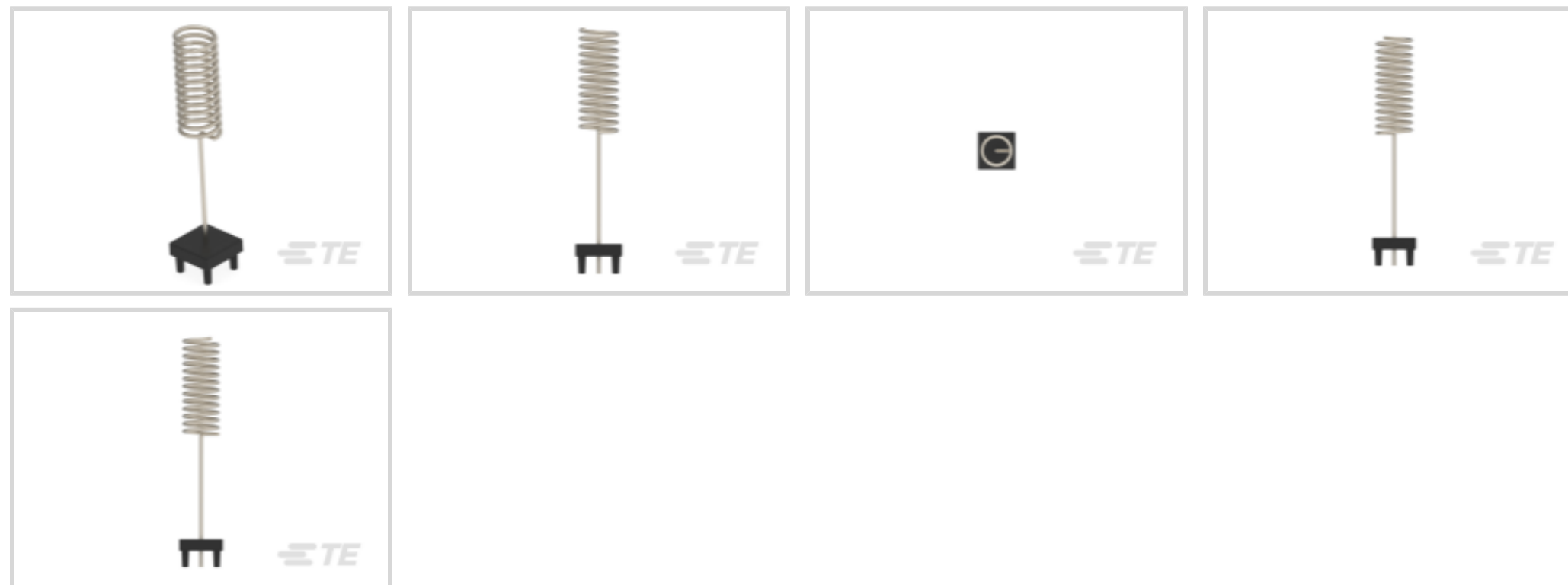




Antennas



Communication Protocol: **Wi-Fi**
 Mounting Location: **Internal/Embedded**
 Mounting Type: **Solder**
 Frequency Category: **2400 – 2500**
 Antenna Type: **Helical**

Features

Product Type Features

Antenna Termination	Solder
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Helical
Mounting Location	Internal/Embedded
Antenna Type	Helical
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive

Signal Characteristics

Frequency Band	2400 – 2500 MHz
Frequency Category	2400 – 2500

Body Features



.066 oz

Mechanical Attachment

Mounting Type	Solder
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Operation/Application

Antenna Environment	Indoor
Directionality	Omnidirectional

Industry Standards

Communication Protocol	Wi-Fi
Primary Application	Wi-Fi

Packaging Features

Packaging Method	Tray
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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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) 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 # L9000014-01
Antenna Chip T&R 2.45GHz SMT



TE Part # L9000103-01
Antenna uSP PCB RPC 2.4GHz SMT T&R



TE Part # L9000080-01
Antenna Mini 2.4GHz THM



TE Part # 1513431-2
PCB ANTENNA SINGLE BAND BULK PKG



TE Part # 1513430-1
PCB ANTENNA SINGLE BAND TAPE AND REELED



TE Part # L9000099-01
Antenna 1/4 Wave 2.4GHz Coil Screw #6



TE Part # 1513430-2
PCB ANTENNA SINGLE BAND BULK PKGD



TE Part # L9000090-01
Antenna 2.4GHz Metal Stamp THM



TE Part # 1513431-1
PCB ANTENNA SINGLE BAND TAPE AND REELED

Customers Also Bought



TE Part #EXD420TN
DUCK,EXD,420-450MHz,STUB TNCM,



TE Part #B4302N
WHIP,MC,1/2,430-450MHZ, TUN,2.4, CH,NGP



TE Part #QWB430
WHIP, QW, 1/4,430-450MHz 440, 0dB, BK, G



TE Part #2-640388-0
20P MTA156 HDR ASSY RN STR F/L



TE Part #CAT-J04-APHH
AMPSEAL PCB Right-Angle Headers



TE Part #1612618-4
SEMI-HARD TRAY DDR2 SODIMM
SOCKET 200P 9



TE Part #2-2176341-5
CRGCQ 0805 1K0 1%



TE Part #L9000099-01
Antenna 1/4 Wave 2.4GHz Coil Screw
#6



TE Part #1775838-2
mSATA/mini PCI-E 5.6H Type I G/F

Documents

Product Drawings

ANTENNA 2.4GHz HELICAL VERTICAL THM

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2445750-1_A.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2445750-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2445750-1_A.3d_igs.zip](#)

English

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

Datasheets & Catalog Pages

ANT-2.4-vheth-Datasheet

English

2.4 GHz Helical Antenna

English