0600-00057 ✔ ACTIVE

TE Internal #: 0600-00057

Whip Antenna, Single Band, Bluetooth, External Mount, Panel Mount, U.FL, Omnidirectional, Single Port, 0 < 3 dBi Peak Gain

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Antennas



Communication Protocol: **Bluetooth**

Mounting Location: **External**

Mounting Type: **Panel Mount**

Frequency Category: **2400 – 2500**

Antenna Type: **Whip**

Features

Product Type Features

Antenna Termination	U.FL
Antenna Product Type	Antenna

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<2:1

Signal Characteristics

Frequency Band	2400 – 2500 MHz
Frequency Category	2400 – 2500
Peak Gain	0 < 3 dBi

Mechanical Attachment

Polarization	Vertical

Mounting Type	Panel Mount

Operation/Application

Option	Connector Preinstalled
Antenna Environment	Indoor
Wireless Standard	802.11 a/b/g/n, Bluetooth & ZigBee
Directionality	Omnidirectional

Industry Standards

Communication Protocol	Bluetooth
Primary Application	Bluetooth

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Bag

Other

Precision Level	Standard

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 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 # 0600-00020
ANT,868MHZ,2.0DBI



TE Part # 0600-00019
ANT,900MHZ,2.0DBI



TE Part # 0600-00052
ANT, Dipole, RA



TE Part # 0600-00029
ANT,900MHZ,2.5DBI



TE Part # 0600-00048
ANT,900MHz, 2dBi



TE Part # 0600-00056
ANT,2.4GHz, PCB DIPOLE

Customers Also Bought



TE Part #CONMHF4-SMD-G-T
MHF4 Jack 50 Ohm PCB Surface Mount



TE Part #641964-1
02P UMNL PIN HDR ASSY POL 94VO



TE Part #643425-1
09P UMNL HDR ASSY POL



TE Part #1-770178-0
06P MINI-UMNL ASSY VO SNNI*



TE Part #1-770621-0
12P MINI UMNL DBL ROW HDR ASSY



TE Part #1-770968-0
04P MINI UMNL R/A HDR ASSY SN



TE Part #1-794065-0
08P MINI UMNL HDR W/DH SN



TE Part #1-794073-0
08P MINI UMNL HDR W/O DH SN LF



TE Part #5787444-1
HDR ASY,VERT,NO KEY,STR TAIL



TE Part #1-1393788-1
V23079A1003B301

Documents

Datasheets & Catalog Pages

2400-2500 MHz Antenna

English

Agency Approvals

UK Declaration of Conformity

English