1513472-5 ✔ ACTIVE

TE Internal #: 1513472-5

Stamped Metal Antenna, Dual Band, Bluetooth / Wi-Fi, External Mount, Snap-In, MHF / MHF1 / U.FL, Omnidirectional, Single Port, Gain 3 < 6 dBi

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Antennas

Wireless Application: **Bluetooth, Wi-Fi, Zigbee**

Mounting Location: **External**

Mounting Type: **Snap-In**

Frequency Category: **2400 – 5950**

Antenna Type: **Stamped Metal**

Features

Product Type Features

Antenna Termination	MHF, MHF1, U.FL, UMCC
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Stamped
Mounting Location	External
Antenna Type	Stamped Metal
Band Type	Dual Band
Port Configuration	Single Port

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<3:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	3 dB

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Frequency Band	2480 – 2620 MHz, 5500 – 6200 MHz
Frequency Category	2400 – 5950
Peak Gain	3 < 6 dBi

Body Features

Product Weight	4 g[.141 oz]

Mechanical Attachment

Polarization	Linear
Mounting Type	Snap-In

Dimensions

Cable Length	.36 m[1.18 ft]
Product Width	12 mm[.472 in]
Product Length	29 mm[1.14 in]
Product Height	10 mm[.394 in]

Operation/Application

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

Industry Standards

Wireless Application	Bluetooth, Wi-Fi, Zigbee
Primary Application	Bluetooth, Wi-Fi

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Bag & Box

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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)
	Candidate List Declared Against: JUNE 2024 (241)
	SVHC > Threshold:
	TBBPA (17% in Component Part)
	Article Safe Usage Statements:
	Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

TE Part # 2337019-1

UMCC Micro-Coax receptacle, Gen 1

Customers Also Bought

TE Part #1612618-4

SEMI-HARD TRAY DDR2 SODIMM SOCKET 200P 9

TE Part #1-2176071-2

SMD Power Resistor: 2 Watt, 3521 Series

TE Part #5103308-5

A/L LOW PRO HDR 20P VERT BLACK

TE Part #160018-2

RING TONGUE 176 20-16 AWG 0.251 NIBR

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TE Part #1423675-9
W57-XB7A4A10-15=CKTBKR,THERM,P

TE Part #1-1423675-0
W57-XB7A4A10-20=CKTBKR,THERM,P

TE Part #104480-9
SHORT POINT RECP CONT LP

TE Part #5-146277-5
05 MODII HDR SRST B/A .100CL

TE Part #EL8095-000
D-CT-50M-9.5-OUT-4

Documents

Product Drawings

UAM Assembly 360mm cable

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1513472-5_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1513472-5_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1513472-5_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

UAM Antenna

English

Product Specifications

Product Specification

English