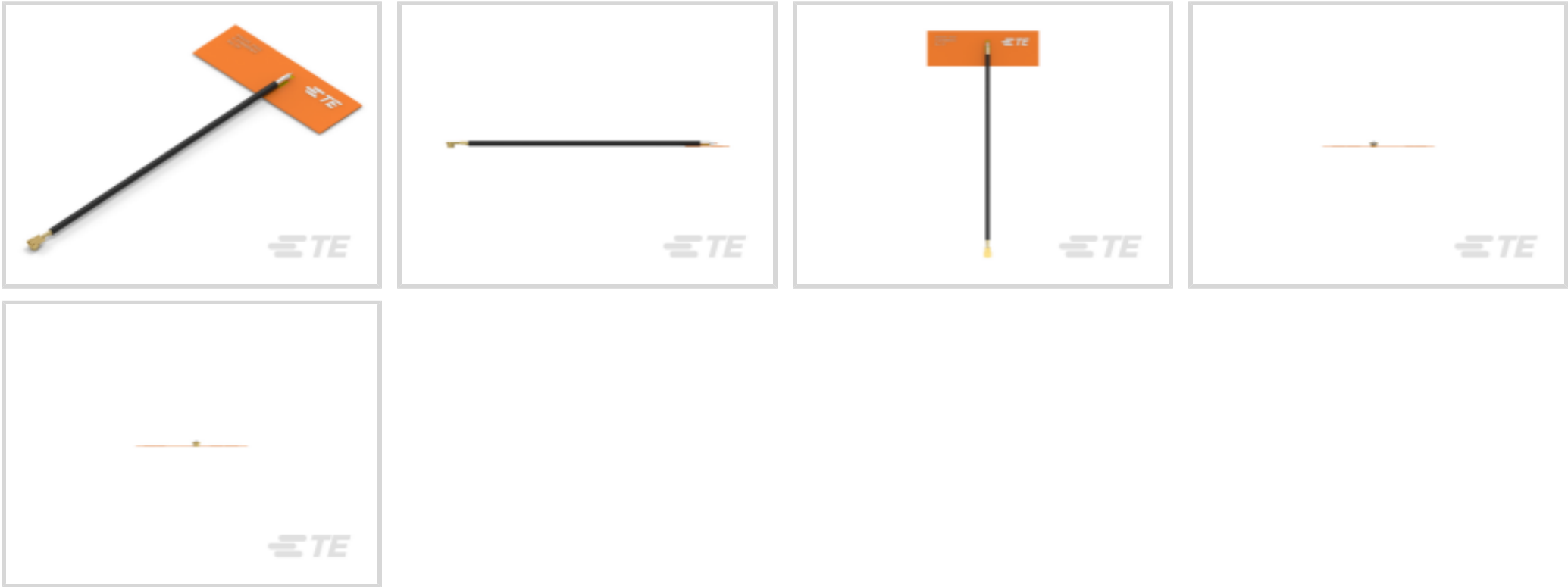




Antennas



Wireless Application: **Bluetooth, WLAN, ZigBee**

Mounting Retention Type: **Adhesive**

Antenna Connection Type: **Cable Assembly**

Antenna Connector Type: **MHF4 Compatible**

Cable Length: **50 mm [1.969 in]**

Features

Product Type Features

Antenna Connection Type	Cable Assembly
Antenna Connector Type	MHF4 Compatible

Configuration Features

Band Type	Dual Band
Antenna Protocol	WLAN
Number of Ports	1
Antenna Style	Embedded
Antenna Type	Thin PCB

Electrical Characteristics

VSWR (Max)	< 2.0:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz
Gain (Max)	5 dB



Body Features

Product Weight	1.2 g[.042 oz]
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Mechanical Attachment

Region	Global
Polarization	Linear
Mounting Retention Type	Adhesive

Dimensions

Product Diameter	1.13 mm[.044 in]
Cable Insulation Diameter (Max)	.7 mm[.028 in]
Cable Length	50 mm[1.969 in]
Product Length	30 mm[1.181 in]
Product Width	9.5 mm[.374 in]
Product Height	.19 mm[.007 in]

Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global - 2400 – 2483.5 MHz, WLAN - Global - 5150 – 5875 MHz
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Operation/Application

Wireless Standard	802.11 a/b/g/n/ac/ad, Bluetooth, ZigBee & Wi-Fi
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Industry Standards

Wireless Application	Bluetooth, WLAN, ZigBee
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Packaging Features

Packaging Method	Bag & Box
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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	Compliant
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: JUN 2020
(209)
Candidate List Declared Against: JUN 2020
(209)
Does not contain REACH SVHC

Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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 Model / Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4

Customers Also Bought

TE Model / Part #1766600-2
INSULATION BOOT,#2,RED

TE Model / Part #T4151410004-002
M12 A-CODE FEMALE R/A SINGLE ENDED CABL

TE Model / Part #1062-16-0177
DEUTSCH STAMPED & FORMED CONTACTS

TE Model / Part #1-1803017-1
CRIMPER, INSULATION F





TE Model / Part #2500003-1
SRC Pwr 36+12ACEG Female Recp
Hsg Assy



TE Model / Part #5054014010
RNF-100-1/16-8-SP



TE Model / Part #926472-1
UNIV.M-N.L.CAP S.C.



TE Model / Part #2836322-2
OCEAN-2.0-APPLICATOR-S-042F062F



TE Model / Part #CAR3SC00
CAR RECPT DIN9680 3way



TE Model / Part #CAR3SC00WS
CAR RECPT DIN9680 3way, w/o
contacts

Documents

Product Drawings

WLAN DUAL BAND ANTENNA FPC V 50 MHF4 TYP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2344656-5_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2344656-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2344656-5_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

Datasheet 2344656

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

2344656-5

Antenna, Bluetooth / WLAN / ZigBee, Adhesive, Cable Assembly, MHF4 Compatible,
Cable Length 50 mm [1.969 in]

