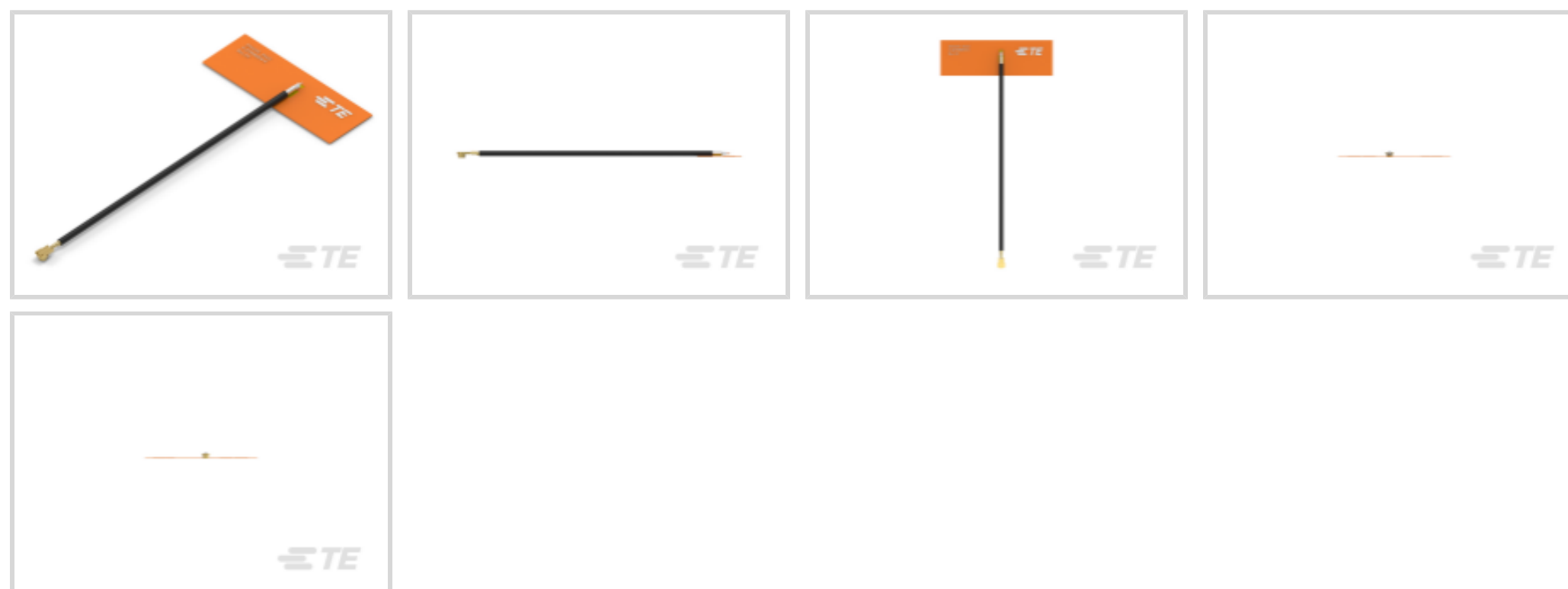




Antennas



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



### Customers Also Bought





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]

