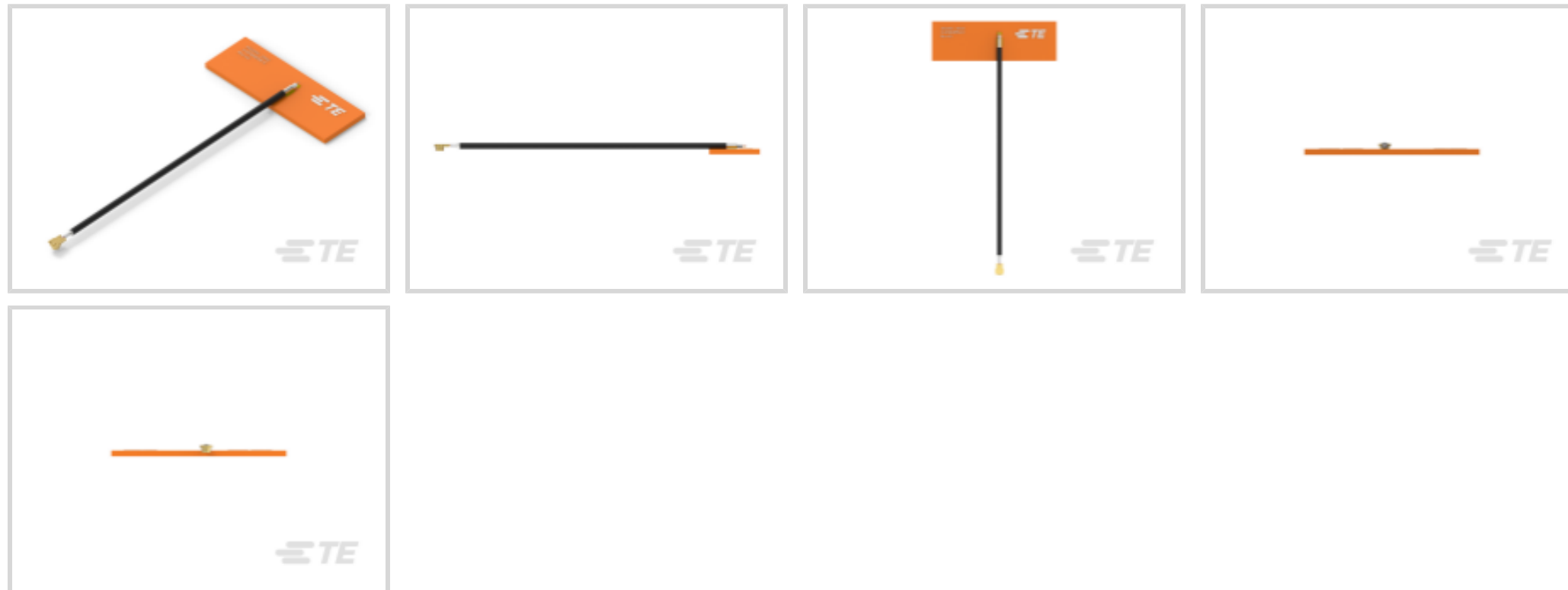




Antennas



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

Mounting Location: **Internal/Embedded**

Mounting Type: **Adhesive**

Antenna Termination: **MHF4**

Antenna Type: **PCB**

Features

Product Type Features

Antenna Termination	MHF4
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Configuration Features

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

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	< 2.0:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	5 dB
Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz
Nominal Frequency Range	2400 – 5950



Peak Gain	3 < 6 dBi
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Body Features

Product Weight	1.2 g[.042 oz]
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Mechanical Attachment

Polarization	Linear
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Mounting Type	Adhesive
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Dimensions

Cable Insulation Diameter (Max)	.7 mm[.028 in]
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Cable Length	.2 m[.66 ft]
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Product Diameter	1.13 mm[.044 in]
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Product Width	9.5 mm[.374 in]
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Product Length	30 mm[1.181 in]
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Product Height	1 mm[.039 in]
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Operation/Application

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

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

Applicable Region	Global
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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
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EU ELV Directive 2000/53/EC	Compliant
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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 2023 (235)

Candidate List Declared Against: JAN 2023 (233)

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 Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4

Customers Also Bought



TE Part #5-1393243-9
RT424005



TE Part #881545-1
SHUNT LP W/HANDLE 2POS 15AU



TE Part #330024
BNC BHD JACK ADAPTER



TE Part #8-1625868-4
RP 2A 0.25W 39R2 0.1% 25PPM 1K RL



TE Part #42822-4
250 FASTON TAB TPBR



TE Part #1676664-2
RN 0805 19R6 0.1% 10PPM 1K RL



TE Part #2-1513472-6
UAM ASSEMBLY 830 MM CABLE
BLACK



TE Part #M3021-000005-2K5PG
PRESS XDCR M3021-000005-2K5PG



TE Part #1496476-1
STD USB-A TO MINI-B ASSY, 1M

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2344654-8_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344654-8_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344654-8_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 2344654-X

English

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

2344654-8

PCB Antenna, Dual Band, Wi-Fi, Internal/Embedded Mount, Adhesive, MHF4,
Omnidirectional, Single Port, Gain 3 < 6 dBi

