

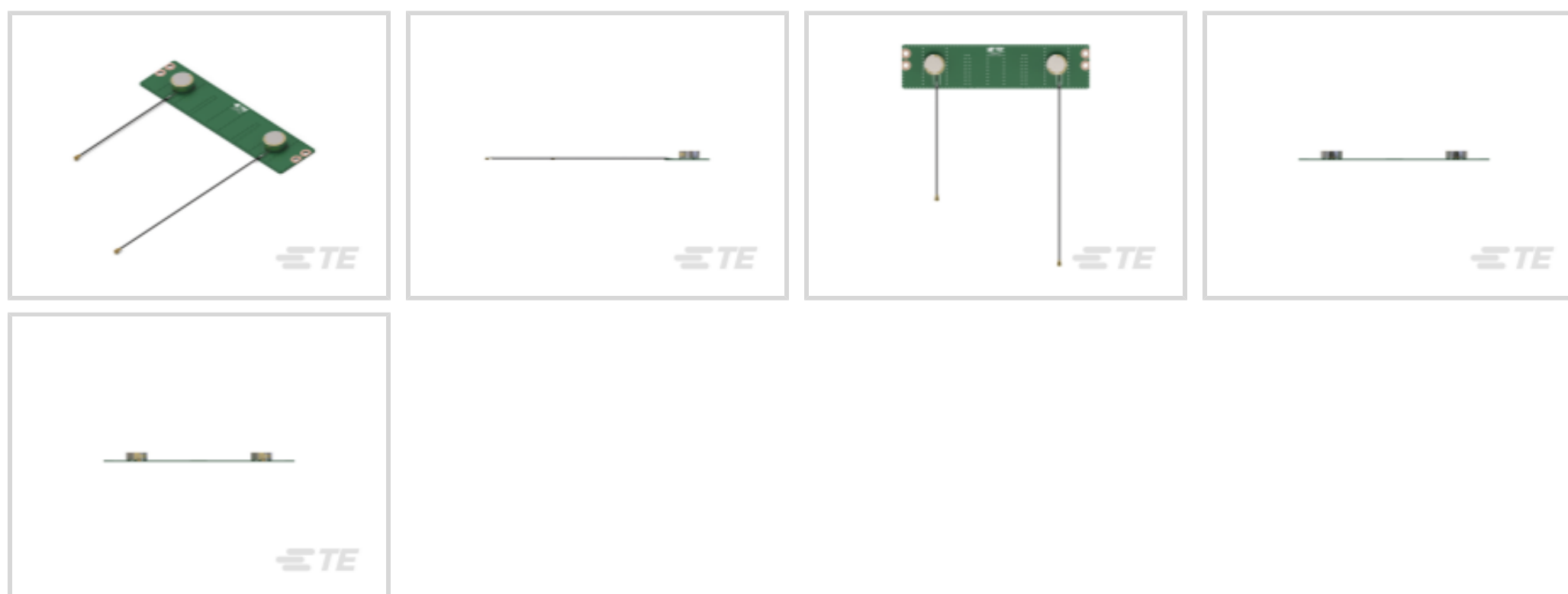


TE Internal #: 2246667-2

Stamped Metal Antenna, Dual Band, Wi-Fi, Internal/Embedded Mount, Connector, MHF4, Omnidirectional, Multiple Ports, Gain 0 < 3 dBi

[View on TE.com >](#)

Antennas



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

Mounting Location: **Internal/Embedded**

Mounting Type: **Connector**

Antenna Termination: **MHF4**

Antenna Type: **Stamped Metal**

Features

Product Type Features

Antenna Termination	MHF4
---------------------	------

Configuration Features

Antenna Style	Stamped
Mounting Location	Internal/Embedded
Antenna Type	Stamped Metal
Band Type	Dual Band
Port Configuration	Multiple Ports

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<3.5:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	1 dB
Frequency Band	2400 – 2483.5 MHz, 5150 – 5875 MHz



Nominal Frequency Range	2400 – 5950
-------------------------	-------------

Peak Gain	0 < 3 dBi
-----------	-----------

Body Features

Product Weight	14 g[.5 oz]
----------------	-------------

Mechanical Attachment

Polarization	Vertical Linear
--------------	-----------------

Mounting Type	Connector
---------------	-----------

Dimensions

Cable Insulation Diameter (Max)	.93 mm[.036 in]
---------------------------------	-----------------

Cable Length	.09 m, .14 m[.3 ft][.46 ft]
--------------	-----------------------------

Product Diameter	1.13 mm[.044 in]
------------------	------------------

Product Width	34 mm[1.338 in]
---------------	-----------------

Product Length	144 mm[5.669 in]
----------------	------------------

Product Height	6.1 mm[.24 in]
----------------	----------------

Operation/Application

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

Directionality	Omnidirectional
----------------	-----------------

Industry Standards

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

Primary Application	Wi-Fi
---------------------	-------

Product Availability

Applicable Region	Global
-------------------	--------

Packaging Features

Packaging Method	Box & Tray
------------------	------------

Other

Precision Level	Standard
-----------------	----------

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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 #640250-8
Receptacle Housing: Wire-to-Board, with Mating Alignment, SL156



TE Part #2-6609006-9
10EJT8=F8144



TE Part #2-6609075-1
6DAS1=F7981 S0



TE Part #2176049-2
RLP73M 1E R056 1% 1K RL



Documents

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_2246667-2_B.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2246667-2_B.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2246667-2_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 PN 2246667-X](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

2246667-2

Stamped Metal Antenna, Dual Band, Wi-Fi, Internal/Embedded Mount, Connector, MHF4, Omnidirectional, Multiple Ports, Gain 0 < 3 dBi

