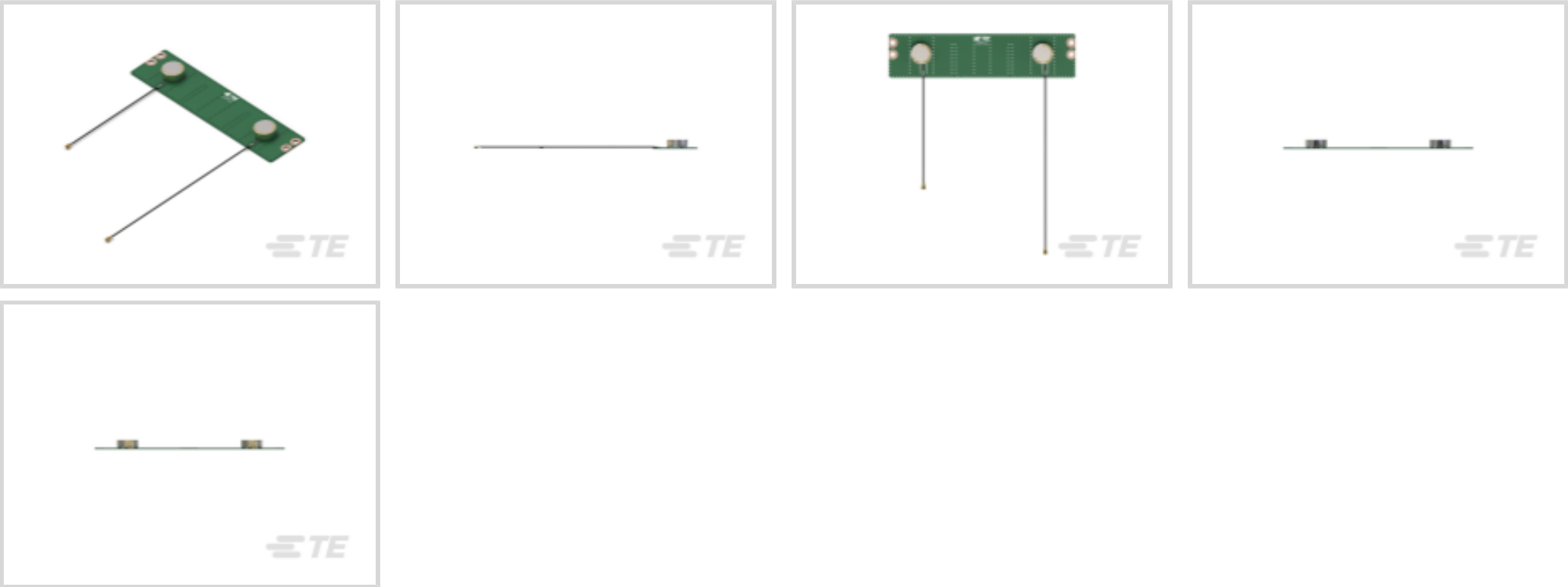




Antennas



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 Product Type	Antenna
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
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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]
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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
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Packaging Features

Packaging Method	Box & Tray
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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
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 #2176049-2  
RLP73M 1E R056 1% 1K RL

TE Part #ANT-DB1-LCD-SMA  
Antenna 2.4/5.8GHz Dipole Tilt Swivel SM

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