

2118907-1 ✓ ACTIVE

TE Internal #: 2118907-1

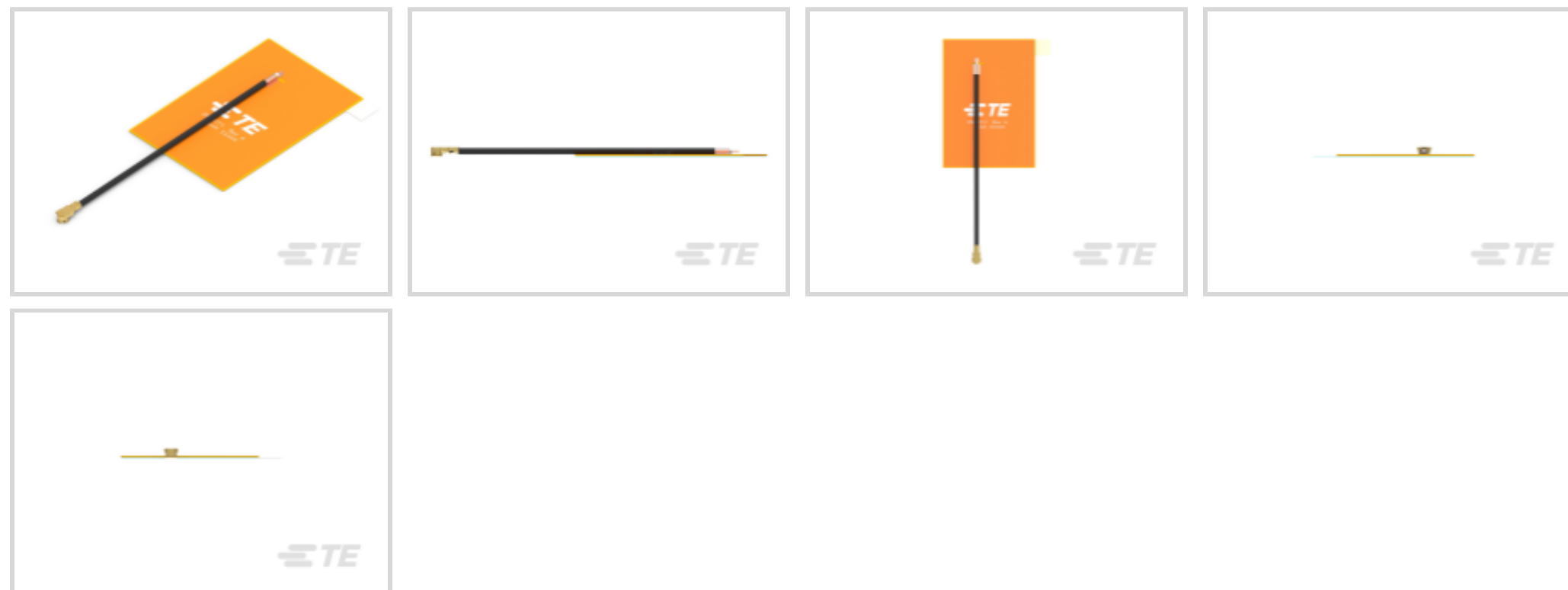
PCB Antenna, Triple Band, Wi-Fi, Internal/Embedded Mount,
Adhesive, UMCC / MHF1 / MHF, Omnidirectional, Single Port, Gain

3 < 6 dBi

[View on TE.com >](#)



Antennas



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

Mounting Location: **Internal/Embedded**

Mounting Type: **Adhesive**

Antenna Termination: **MHF, MHF1, U.FL, UMCC**

Antenna Type: **PCB**

Features

Product Type Features

Antenna Termination	MHF, MHF1, U.FL, UMCC
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Configuration Features

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

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<1.8:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	4.4 dB
Frequency Band	2320 – 3840 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz



Nominal Frequency Range	2400 – 7125
Peak Gain	3 < 6 dBi

Body Features

Product Weight	2.08 g[.073 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Adhesive

Dimensions

Cable Length	.12 m[.39 ft]
Product Width	41.24 mm[1.623 in]
Product Length	29.6 mm[1.165 in]
Product Height	.34 mm[.013 in]

Operation/Application

Wireless Standard	802.11 a/b/g/n/ac/ad/ax, 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	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: JUNE 2023
(235)

Candidate List Declared Against: JAN 2023
(233)

SVHC > Threshold:

2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (2.2% in Component part)

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 # 2337019-1
UMCC Micro-Coax receptacle, Gen 1

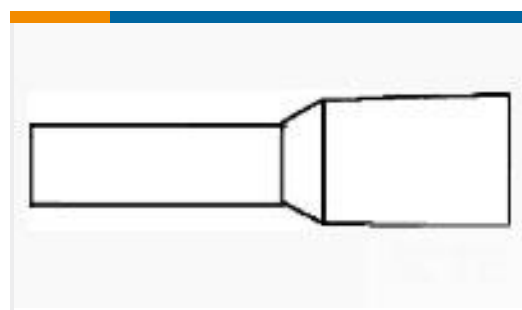
Customers Also Bought

TE Part #T4110012051-000
M12 F, 5P GOLD A_CODE S SHIELDED PG9

TE Part #820091-000
301A011-25-0

TE Part #T4112011051-000
M12 F, 5P GOLD A_CODE RA SHIELDED PG7

TE Part #820055-000
462A011-25-0



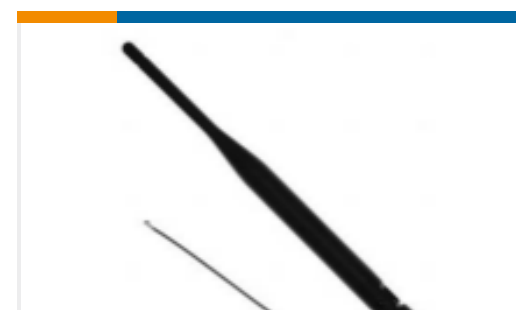
TE Part #966067-5
FER,WIRE,PL SLV,.75/18,L8,GREY,LP



TE Part #160917-4
FF 250 REC 1-2.5MM2 TPPB



TE Part #T4010019041-000
M8,SCREW, FEMALE,S,SHIELD,4P,
GOLD



TE Part #0600-00039
ANT,2.4GHZ,5.0DBI SWIVEL, FL W/ U.
FL, 7I



TE Part #3-1904131-5
V23134A4052X544-EV-CBOX



TE Part #823696N007
382A023-25-0

Documents

Product Drawings

[PCB Ant, MHF, 115mm, Wi-Fi 6E Triple](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2118907-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118907-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118907-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Wi-Fi 6E TRIPLE BAND EMBEDDED ANTENNA](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)



English

[Product Compliance](#)

English