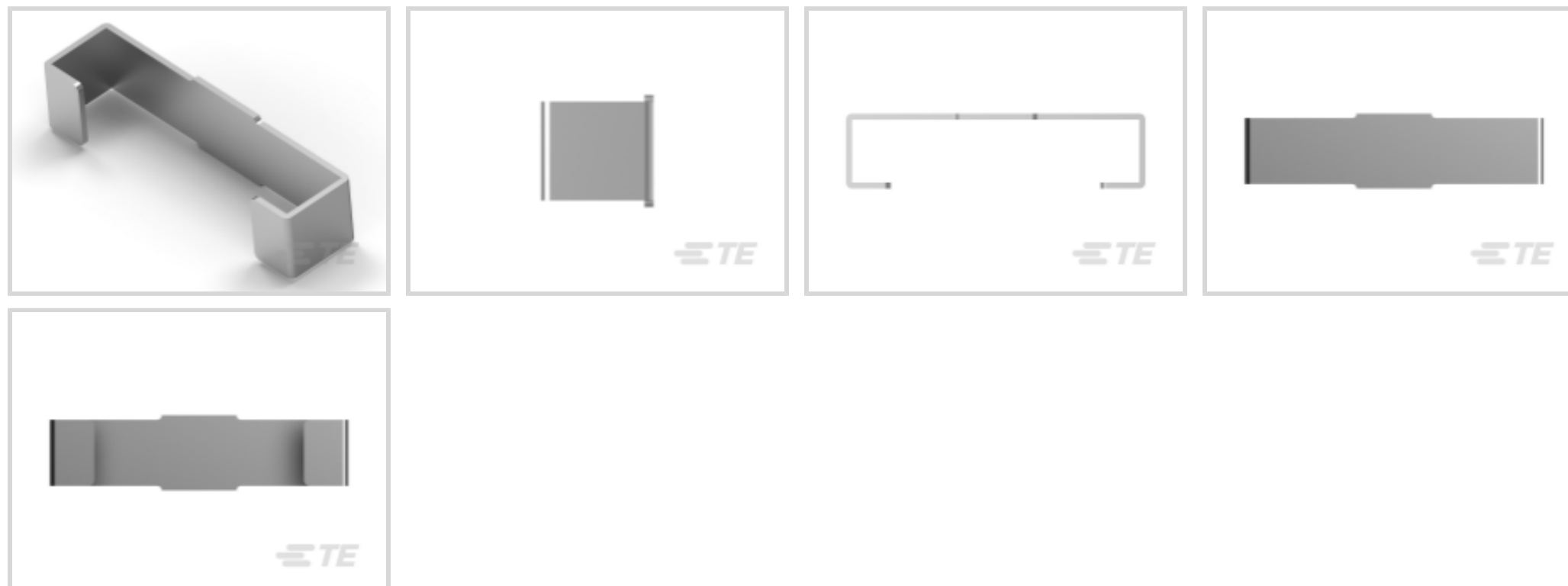




Antennas



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

Mounts To: **Printed Circuit Board**

Antenna Connection Type: **Surface Mount (SMT)**

Application by Region: **Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global - 4900 – 5875 MHz**

Antenna Style: **Embedded**

Features

Product Type Features

Antenna Connection Type	Surface Mount (SMT)
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Configuration Features

Band Type	Dual Band
Antenna Protocol	ISM / ZB / BT WIFI
Number of Ports	1
Antenna Style	Embedded
Antenna Type	Stamped

Electrical Characteristics

VSWR (Max)	<2:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2500 MHz, 4900 – 5875 MHz
Gain (Max)	2 dB, 4 dB

Body Features



Product Weight	.11 g[.00398 oz]
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Mechanical Attachment

Region	Global
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Polarization	Linear
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Mounts To	Printed Circuit Board
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Dimensions

Product Length	10 mm[.39 in]
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Product Width	2.2 mm[.086 in]
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Product Height	2.5 mm[.098 in]
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Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global - 4900 – 5875 MHz
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Operation/Application

Wireless Standard	802.11 a/b/g/n, Bluetooth & ZigBee
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Industry Standards

Wireless Application	Bluetooth, Wi-Fi, ZigBee
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Packaging Features

Packaging Method	Tape & Reel
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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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability

Reflow solder capable to 245°C

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 Model / Part # 2118708-4
1 PC STD SHIELD, AL-26.21X26.21X5.08MM



TE Model / Part # 2118712-2
1 PC STD SHIELD, CRS-44.37X44.37X9.75MM

Customers Also Bought



TE Model / Part #1766600-2
INSULATION BOOT,#2,RED



TE Model / Part #T4151410004-002
M12 A-CODE FEMALE R/A SINGLE ENDED CABL



TE Model / Part #1062-16-0177
DEUTSCH STAMPED & FORMED CONTACTS



TE Model / Part #1-1803017-1
CRIMPER, INSULATION F



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



Documents

Product Drawings

[Stamped Antenna,SMD,Wi-Fi,2.4+5GHz](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_2108964-1_A2.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2108964-1_A2.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_2108964-1_A2.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[2400-2483.5 & 4900-5875 MHz Dual Band Antenna](#)

English

Product Specifications

[Product Specification](#)

English

Product Environmental Compliance

[MD_2108964-1_080220172226_dmtec](#)

English

[MD_2108964-1_080220172226_dmtec](#)

English

[TE Material Declaration](#)

English