



Antennas



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

Mounts To: **Printed Circuit Board**

Antenna Style: **Embedded**

Antenna Type: **Stamped**

Product Height: **6.05 mm [.238 in]**

Features

Configuration Features

Band Type	Dual Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	Stamped

Electrical Characteristics

VSWR (Max)	<2.5:1
Impedance	50 Ω
Antenna Operation	Passive

Signal Characteristics

Frequency Band	2400 – 2483.5 MHz
Gain (Max)	2 dB

Body Features

Product Weight	1 g[.035 oz]
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Mechanical Attachment

Polarization	Linear
Mounts To	Printed Circuit Board

Dimensions

Product Diameter	16 mm[.63 in]
Product Height	6.05 mm[.238 in]



Operation/Application

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

Wireless Application	Bluetooth, Wi-Fi, WLAN, ZigBee
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Product Availability

Applicable Region	Global
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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
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 2022 (224) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2118708-4
1 PC STD SHIELD, AL-26.21X26.21X5.08MM



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

Documents

Product Drawings
100930LF MOLDED STAMPED ANTENNA
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1513504-1_D1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1513504-1_D1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1513504-1_D1.3d_stp.zip
English

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

Datasheets & Catalog Pages
PUCK ANTENNA
English

Product Environmental Compliance
MD_1513504-1_09032018235_dmtec
English
MD_1513504-1_09032018235_dmtec
English