

# 2118316-1 ✓ ACTIVE

TE Internal #: 2118316-1

Antenna, WLAN / Wi-Fi, Printed Circuit Board, Embedded,  
Stamped, Product Length .433 in [11 mm], Width .167 in [4.25 mm],  
Height .193 in [4.9 mm]

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## Antennas



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

Mounts To: **Printed Circuit Board**

Antenna Style: **Embedded**

Antenna Type: **Stamped**

Product Length: **11 mm [ .433 in ]**

## Features

### Configuration Features

Band Type	Single 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	4900 – 5875 MHz
Gain (Max)	4.9 dB

### Body Features

Product Weight	.2 g [.007 oz]
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### Mechanical Attachment

Polarization	Linear
Mounts To	Printed Circuit Board

### Dimensions

Product Length	11 mm [.433 in]
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Product Width	4.25 mm[.167 in]
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Product Height	4.9 mm[.193 in]
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### Operation/Application

Coverage Type	Omnidirectional
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Wireless Standard	802.11 a/g/n/ac & Wi-Fi
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### Industry Standards

Wireless Application	Wi-Fi, WLAN
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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
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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
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#### 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



## Documents

### Product Drawings

[Single Band WiFi, 5Ghz, Stamped, PCB Mt.](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2118316-1\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2118316-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2118316-1\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Antenna Data Sheet 4900-5875 MHz Single Band Antenna](#)

English