

1513431-1 ✓ ACTIVE

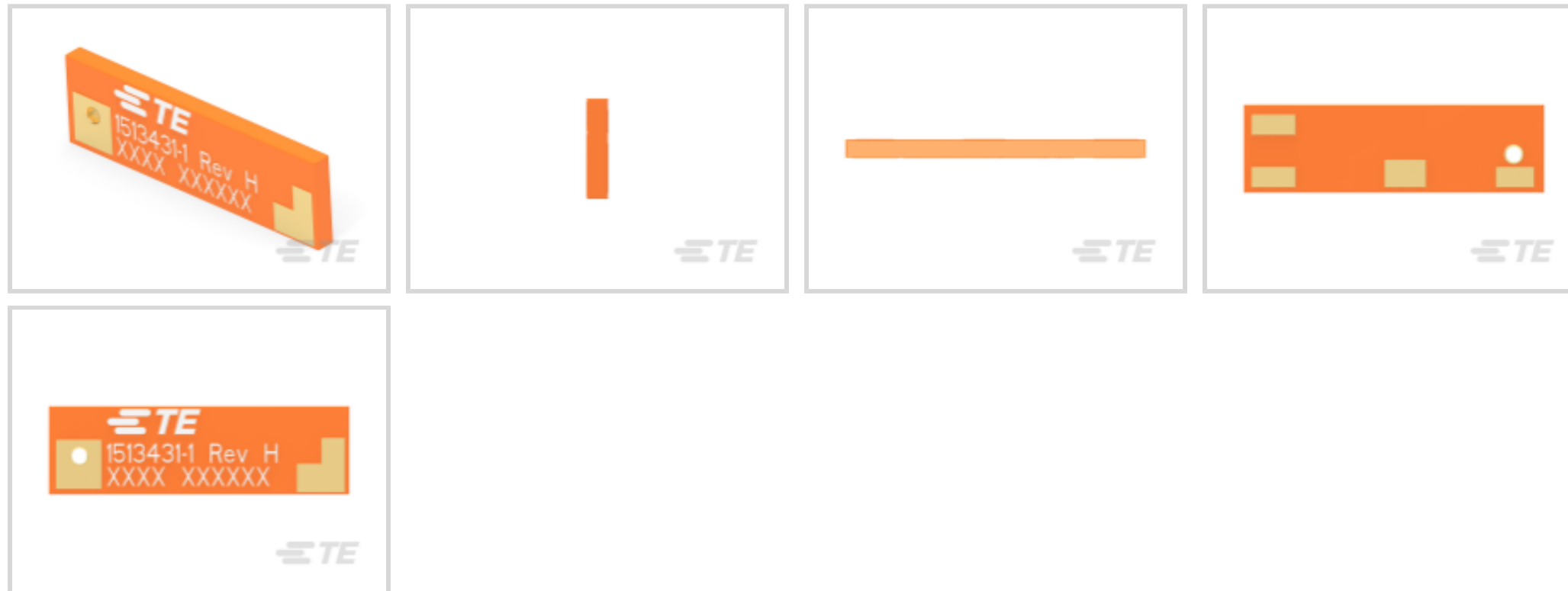


TE Internal #: 1513431-1

Antenna, Wi-Fi / WLAN / ZigBee, Printed Circuit Board,
Embedded, PCB, Product Length .506 in [12.85 mm], Width .148 in
[3.76 mm]

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Antennas



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

Mounts To: **Printed Circuit Board**

Antenna Style: **Embedded**

Antenna Type: **PCB**

Product Length: **12.85 mm [.506 in]**

Features

Configuration Features

Band Type	Single Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB

Electrical Characteristics

VSWR (Max)	<2:1
Impedance	50 Ω
Antenna Operation	Passive

Signal Characteristics

Frequency Band	2400 – 2483.5 MHz
Gain (Max)	0 dB

Body Features

Product Weight	.5 g [.018 oz]
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Mechanical Attachment



Polarization	Linear
Mounts To	Printed Circuit Board

Dimensions

Product Length	12.85 mm[.506 in]
Product Width	3.76 mm[.148 in]
Product Height	.79 mm[.031 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>](#)

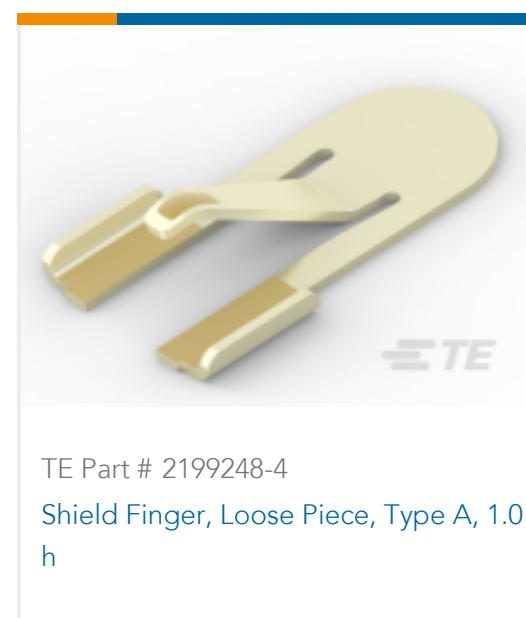
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



Documents

Product Drawings

PCB ANTENNA SINGLE BAND TAPE AND REELED

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1513431-1_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1513431-1_H.3d_stp.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1513431-1_H.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

PCB ANTENNA

English