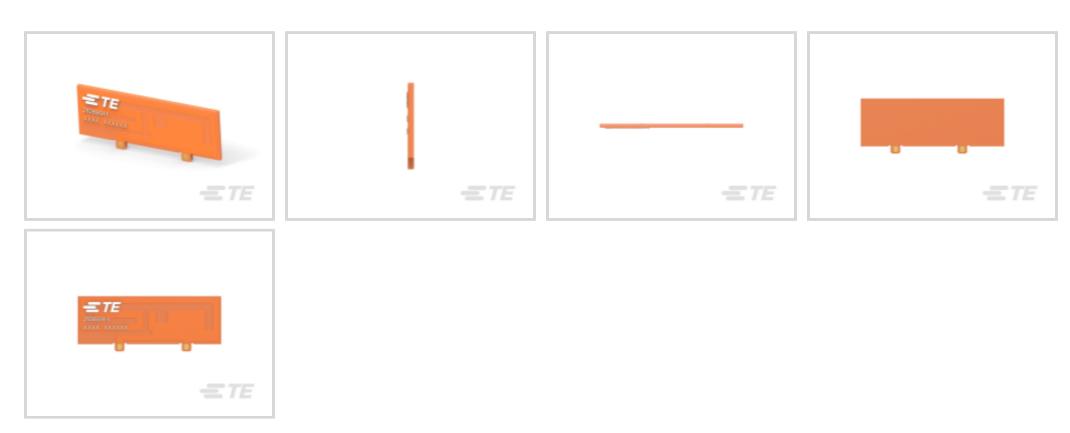# 2108891-1 ✓ ACTIVE

TE Internal #: 2108891-1

Antenna, Wi-Fi, Printed Circuit Board, Printed Circuit Board, Tab Mount (Through Hole)

View on TE.com >

Antennas

Wireless Application: **Wi-Fi**

Mounts To: **Printed Circuit Board**

Mounting Retention Type: **Printed Circuit Board**

Antenna Connection Type: **Tab Mount (Through Hole)**

Application by Region: **Bluetooth - Global - 2400 – 2500 MHz, Wi-Fi - Global - 2400 – 2483.5 MHz, Wi-Fi - Global by Channel - 5150 – 5875 MHz, WLAN - Global - 5925 – 7125 MHz, ZigBee - Global - 2400 – 2483.5 MHz**

Features

Product Type Features

Antenna Connection Type	Tab Mount (Through Hole)

Configuration Features

Band Type	Triple Band
Antenna Protocol	Wi-Fi
Number of Ports	1
Antenna Style	Embedded
Antenna Type	PCB

Electrical Characteristics

VSWR (Max)	< 2.0:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz

Gain (Max)	4.3 dB

Body Features

Product Weight	.5 g[.017 oz]

Mechanical Attachment

Region	Global
Polarization	Linear
Mounts To	Printed Circuit Board
Mounting Retention Type	Printed Circuit Board

Dimensions

Product Length	30 mm[1.181 in]
Product Width	.78 mm[.03 in]
Product Height	10 mm[.393 in]

Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, Wi-Fi - Global - 2400 – 2483.5 MHz, Wi-Fi - Global by Channel - 5150 – 5875 MHz, WLAN - Global - 5925 – 7125 MHz, ZigBee - Global - 2400 – 2483.5 MHz

Operation/Application

Wireless Standard	802.11 a/b/g/n/ac/ad/ax, Bluetooth, ZigBee & Wi-Fi

Industry Standards

Wireless Application	Wi-Fi

Packaging Features

Packaging Method	Bag/Carton

Other

Precision Level	Standard

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: JAN 2021 (211) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2306334-3
SPRING FINGER 1.2H

TE Part # 2336713-2
SPRING FINGER 1.45H

TE Part # 2306654-3
SPRING FINGER 1.8H

Customers Also Bought

TE Part #878513-000
Bulbous Heat Shrink Boots: Lipped, Right Angle

TE Part #1-1703543-0
TIMER, CONNECTOR HOUSING

Documents

Product Drawings

PCB Ant, Tab mount, Wi-Fi 6E Triple Band

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2108891-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2108891-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2108891-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

PCB ANTENNA, TAB MOUNT, Wi-Fi 6E TRIPLE BAND

English

Product Specifications

Product Specification

English