

2118316-1  ACTIVE

TE Internal #: 2118316-1

Stamped Metal Antenna, Single Band, Wi-Fi, Internal/Embedded Mount, Surface Mount, Omnidirectional, Single Port, Gain 3 < 6 dBi

[View on TE.com >](#)

Antennas



Wireless Application: Wi-Fi

Mounting Location: Internal/Embedded

Mounting Type: Surface Mount

Frequency Category: 4900 - 5950

Antenna Type: Stamped Metal

Features

Product Type Features

Antenna Product Type	Antenna
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Configuration Features

Antenna Style	Stamped
Mounting Location	Internal/Embedded
Antenna Type	Stamped Metal
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

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

Signal Characteristics

Gain (Max)	4.9 dB
Frequency Band	4900 - 5875 MHz
Frequency Category	4900 - 5950
Peak Gain	3 < 6 dBi

Body Features

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

Polarization

Linear

Mounting Type

Surface Mount

Dimensions

Product Width

4.25 mm [.167 in]

Product Length

11 mm [.433 in]

Product Height

4.9 mm [.193 in]

Operation/Application

Wireless Standard

802.11 a/g/n/ac & Wi-Fi

Directionality

Omnidirectional

Industry Standards

Wireless Application

Wi-Fi

Primary Application

Wi-Fi

Product Availability

Applicable Region

Global

Packaging Features

Packaging Method

Tape & Reel

Other

Precision Level

Standard

Product ComplianceFor 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 2024 (240)

Candidate List Declared Against: JAN 2023 (233)

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

Reflow solder capable to 245°C

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

Customers Also Bought



TE Part # 206070-8
CABLE CLAMP KIT #17



TE Part # DT04-2P
REC, 2P, GRY, N



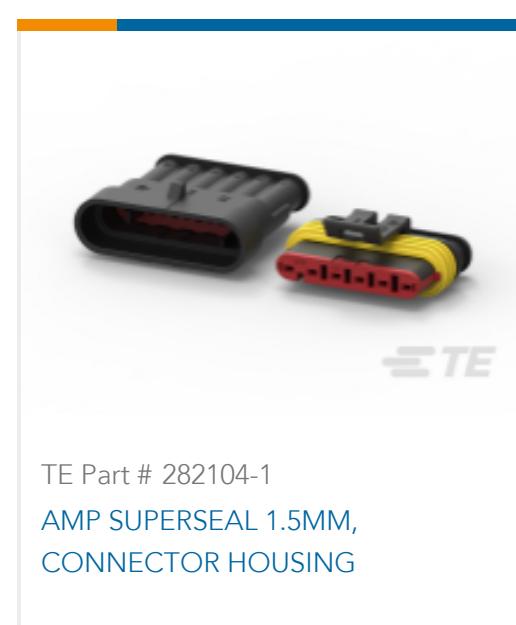
TE Part # DT06-2S
PLG, 2P, GRY, N



TE Part # W2S
Wedgelocks: DEUTSCH DT



TE Part # 0460-202-16141
DEUTSCH Solid Contacts



TE Part # 282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part # 281934-2
SINGLE WIRE SEAL

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

Product Specifications

[Product Specification](#)

English