



Antennas



Antenna Type: **Stamped Metal**

Band Type: **Single Band**

Primary Application: **Wi-Fi**

Wireless Application: **Wi-Fi**

Mounting Location: **Internal/Embedded**

Features

Product Type Features

Antenna Product Type	Antenna
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Configuration Features

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

Electrical Characteristics

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

Signal Characteristics

Frequency Band	4900 – 5875 MHz
Gain (Max)	4.9 dB
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

Primary Application	Wi-Fi
Wireless Application	Wi-Fi

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: JAN 2025 (247) 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



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




TE Part # 2118708-4
1 PC STD SHIELD, AL-26.21X26.21X5.08MM


Customers Also Bought




TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts




TE Part #206070-8
CABLE CLAMP KIT #17




TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



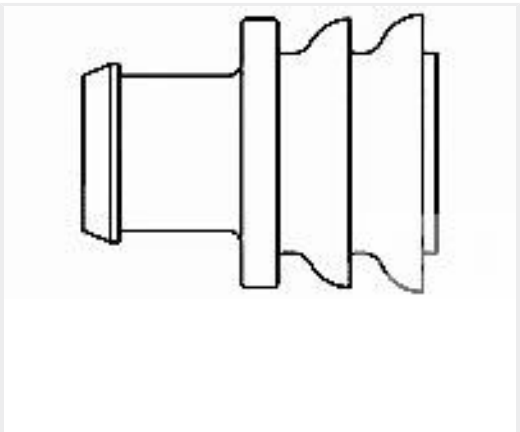
TE Part #DT06-2S
PLG, 2P, GRY, N



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



TE Part #CAT-AM71-CH8172
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