



Antennas



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

Mounts To: **Printed Circuit Board**

Antenna Connection Type: **Surface Mount (SMT)**

Application by Region: **Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global by Channel - 5150 – 5875 MHz**

Antenna Style: **Embedded**

Features

Product Type Features

Antenna Connection Type	Surface Mount (SMT)
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Configuration Features

Band Type	Dual Band
Antenna Style	Embedded
Antenna Type	Stamped

Electrical Characteristics

VSWR (Max)	<2.5:1
Impedance	50 Ω
Active Antenna	No

Signal Characteristics

Frequency Band	2400 – 2485 MHz, 5150 – 5875 MHz
Gain (Max)	3 dB

Body Features

Product Weight	.3 g[.011 oz]
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Mechanical Attachment



Mounts To	Printed Circuit Board
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Dimensions

Product Length	22.75 mm[.9 in]
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Product Width	2.2 mm[.086 in]
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Product Height	4.8 mm[.189 in]
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Usage Conditions

Application by Region	Bluetooth - Global - 2400 – 2500 MHz, WLAN - Global by Channel - 5150 – 5875 MHz
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Operation/Application

Wireless Standard	802.11 a/b/g/n, Bluetooth & ZigBee
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Industry Standards

Wireless Application	Bluetooth, Wi-Fi, ZigBee
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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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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 260°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



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



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

Customers Also Bought



TE Model / Part #1-2823445-2
M12 STRAIGHT CRIMPED STRAIN RELIEF



TE Model / Part #8-1625890-5
2W SM M/OX 5% 200K



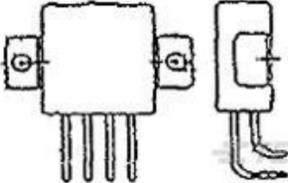
TE Model / Part #2324697-5
PUSH GRIP CONNECTOR 5P



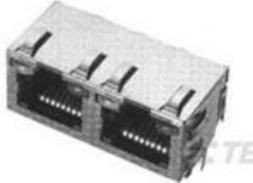
TE Model / Part #1879352-2
RR02 5% R36 AMMO



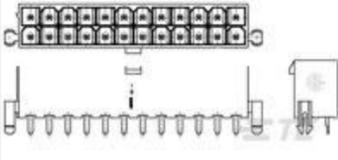
TE Model / Part #5-103080-7
09 MODII HDR SRST SHRD .100CL



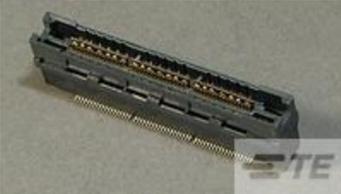
TE Model / Part #1617789-9
FCA-210-HX1=MIDRANGE RELAY



TE Model / Part #6368459-3
INV MJ,1X2,PNL GRD,SHLD



TE Model / Part #1-2029059-2
12P VAL-U-LOK VRTHDR W/PGS GW



TE Model / Part #5767146-3
TAPE AND REEL PACAKED MICTOR R



TE Model / Part #5767146-5
TAPE AND REEL PACKAGED MICTOR



Documents

Product Drawings

[DUAL BAND WiFi ANTENNA,STAMPED METAL,SMD](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2108517-2_D1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108517-2_D1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2108517-2_D1.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[DUAL BAND WiFi ANTENNA, STAMPED METAL, SMD](#)

English

Product Specifications

[Product Specification](#)

English