

2344655-2 ✓ ACTIVE

TE Internal #: 2344655-2

Antenna, WLAN / Wi-Fi / Bluetooth, Adhesive, MHF Compatible,
Cable Length .33 ft [.1 m], Embedded, PCB, Product Length 1.299
in [33 mm]

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Antennas



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

Mounting Type: **Adhesive**

Antenna Connector Type: **MHF Compatible**

Cable Length: **.1 m [.33 ft]**

Antenna Style: **Embedded**

Features

Product Type Features

Antenna Connector Type	MHF Compatible
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Configuration Features

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

Electrical Characteristics

VSWR (Max)	<2.7:1
Impedance	50 Ω
Antenna Operation	Passive

Signal Characteristics

Frequency Band	2400 – 2500 MHz, 5150 – 5875 MHz, 5925 – 7125 MHz
Gain (Max)	5.9 dB



Body Features

Product Weight	1.2 g[.042 oz]
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Mechanical Attachment

Polarization	Linear
Mounting Type	Adhesive

Dimensions

Product Diameter	1.13 mm[.044 in]
Cable Insulation Diameter (Max)	.7 mm[.028 in]
Cable Length	.1 m[.33 ft]
Product Length	33 mm[1.299 in]
Product Width	8 mm[.315 in]
Product Height	1 mm[.039 in]

Operation/Application

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

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	Bag & Box
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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

Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

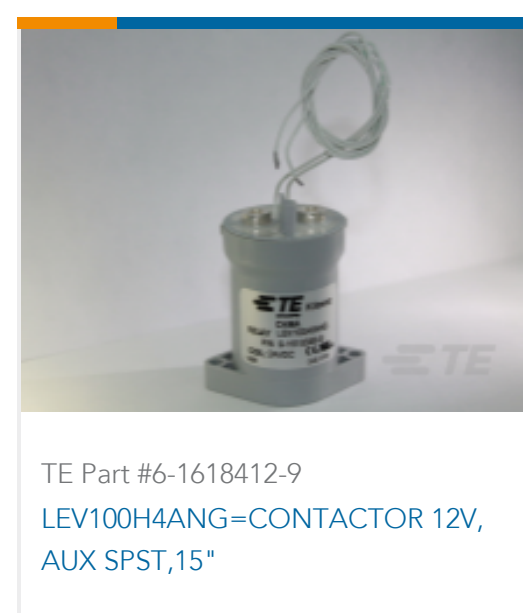
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

PCB ANT, MHF, 100mm, Wi-Fi TRIPLE BAND

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2344655-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344655-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2344655-2_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Datasheet 2344655-X](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

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