



Antennas

Wireless Application: **Bluetooth, Wi-Fi, WiMAX, WLAN, ZigBee**Mounts To: **Printed Circuit Board**Mounting Type: **Adhesive**Antenna Connector Type: **MHF**Cable Length: **.35 m [1.15 ft]****Features****Product Type Features**

Antenna Connector Type	MHF
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Configuration Features

Band Type	Single Band
Number of Ports	1
Antenna Style	Embedded
Antenna Type	Thin PCB

Electrical Characteristics

VSWR (Max)	<3:1
Impedance	50 Ω
Antenna Operation	Passive

Signal Characteristics

Frequency Band	2300 – 3800 MHz, 2400 – 2483.5 MHz
Gain (Max)	4 dB

Body Features

Product Weight	3.3 g [.116 oz]
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Mechanical Attachment

Polarization	Linear
Mounts To	Printed Circuit Board
Mounting Type	Adhesive



Dimensions

Cable Length	.35 m[1.15 ft]
Product Length	30.61 mm[1.205 in]
Product Width	36.85 mm[1.451 in]
Product Height	.3 mm[.012 in]

Operation/Application

Coverage Type	Omnidirectional
Wireless Standard	802.11 b/g, WiMAX, Bluetooth & ZigBee

Industry Standards

Wireless Application	Bluetooth, Wi-Fi, WiMAX, 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: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



Documents

Product Drawings

WIMAX SINGLE BAND PCB Antenna

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2118059-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118059-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2118059-1_D.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Thin PCB Antenna

English