

2195835-1 ✓ ACTIVE

TE Internal #: 2195835-1

Antenna, IoT / ISM, Chassis, Adhesive, MHF Compatible, Cable
Length .16 ft [.05 m], Embedded, Flexible PCB, Product Length 1.49
in [38 mm]

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Antennas



Wireless Application: **IoT, ISM**

Mounts To: **Chassis**

Mounting Type: **Adhesive**

Antenna Connector Type: **MHF Compatible**

Cable Length: **.05 m [.16 ft]**

Features

Product Type Features

Antenna Connector Type	MHF Compatible
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Configuration Features

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

Electrical Characteristics

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

Signal Characteristics

Frequency Band	824 – 960 MHz
Gain (Max)	3.2 dB, 4.5 dB

Body Features



Product Weight	1 g[.35 oz]
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Mechanical Attachment

Polarization	Linear
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Mounts To	Chassis
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Mounting Type	Adhesive
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Dimensions

Cable Insulation Diameter (Max)	1.13 mm[.044 in]
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Cable Length	.05 m[.16 ft]
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Product Length	38 mm[1.49 in]
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Product Width	9 mm[.354 in]
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Product Height	.19 mm[.007 in]
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Operation/Application

Coverage Type	Omnidirectional
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Industry Standards

Wireless Application	IoT, ISM
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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
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR
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/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



TE Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4



TE Part # 2337019-1
UMCC Micro-Coax receptacle, Gen 1

Customers Also Bought



TE Part #4-2176070-8
3521 910R 1% 2W



TE Part #6-1879214-5
CPF 0402 1K69 0.1% 25PPM 1K RL



TE Part #104128-9
050 LOPRO HDR SP 30DP LATCH



TE Part #2195835-5
ISM 868 / 915 MHz ANTENNA



TE Part #2195835-6
ISM 868 / 915 MHz ANTENNA



TE Part #3-2176237-7
CPF A 0603 4K02 0.1% 25PPM 5K RL



TE Part #1-2176455-6
CPF 0402 6R04 0.1% 25ppm 1K RL



TE Part #1-2176455-9
CPF 0402 6R49 0.1% 25ppm 1K RL



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2195835-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195835-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2195835-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[ISM 868 / 915 MHz ANTENNA](#)

English

Product Specifications

[Product Specification](#)

English