

TE Internal #: L9000169-01 Dome/Puck Antenna, Dual Band, Wi-Fi, External Mount, Panel, U. FL / UMCC / MHF, Omnidirectional, Single Port, Gain 0 < 3 dBi View on TE.com >



Antennas



Wireless Application: Wi-Fi Mounting Location: External Mounting Type: Panel Antenna Termination: MHF, MHF1, U.FL, UMCC Antenna Type: Dome/Puck

Features

Product Type Features

Antenna Product Type

Antenna Termination

Configuration Features

Antenna Style

Antenna

MHF, MHF1, U.FL, UMCC

Domo

| Antenna Style | Dome |
|--|--------------------------------|
| Mounting Location | External |
| Antenna Type | Dome/Puck |
| Band Type | Dual Band |
| Port Configuration | Single Port |
| Electrical Characteristics | |
| VSWR (Max) | <2.1:1 |
| Impedance | 50 Ω |
| Signal Characteristics | |
| | |
| Gain (Max) | 1 dB |
| Gain (Max) Frequency Band | 1 dB 2400 – 2485 MHz |
| | |
| Frequency Band | 2400 – 2485 MHz |
| Frequency Band Nominal Frequency Range | 2400 – 2485 MHz 2400 – 2500 |
| Frequency Band Nominal Frequency Range Peak Gain | 2400 – 2485 MHz 2400 – 2500 |

ANT-DB1-WRT-MON-UFL

Dome/Puck Antenna, Dual Band, Wi-Fi, External Mount, Panel, U.FL / UMCC / MHF, Omnidirectional, Single Port, Gain 0 < 3 dBi



| Mounting Type | Panel |
|---|------------------|
| Dimensions | |
| Cable Length | .21 m[.71 ft] |
| Product Width | 19 mm[.75 in] |
| Product Length | 26.8 mm[1.06 in] |
| Product Height | 0 mm[0 in] |
| Operation/Application | |
| Antenna Environment | Outdoor |
| Directionality | Omnidirectional |
| Industry Standards | |
| Wireless Application | Wi-Fi |
| Primary Application | Wi-Fi |
| | |
| 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 | Not Yet Reviewed |

| 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 | Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An

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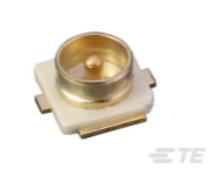


Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # L9000342-01 Antenna 2.45/5.8GHz WRT Monopole MHF3



TE Part # CONMHF1-SMD-G-T U.FL/MHF1 Jack 50 Ohm PCB Surface Mount

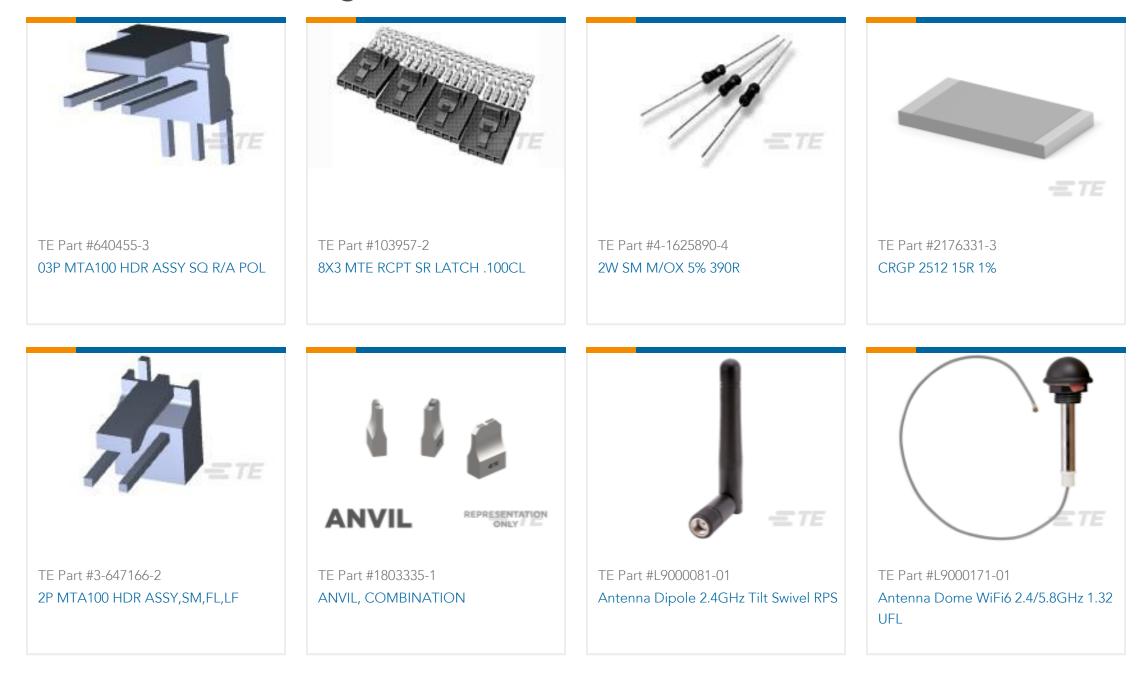


TE Part # CONMHF1-SMD-T U.FL/MHF1 Jack 50 Ohm PCB Surface Mount





Customers Also Bought



ANT-DB1-WRT-MON-UFL

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Documents

Product Drawings

Antenna 2.45/5.8GHz WRT Monopole U.FL

English

Datasheets & Catalog Pages Sub-6 Cellular LTE-5G NR Frequency Band Guide

English

Virtual Antenna

English

Microsplatch Ground Plane Optimization

English

Dual-Band WiFi External Panel-Mount Antenna

English