# CONMHF1-SMD-T ✔ ACTIVE

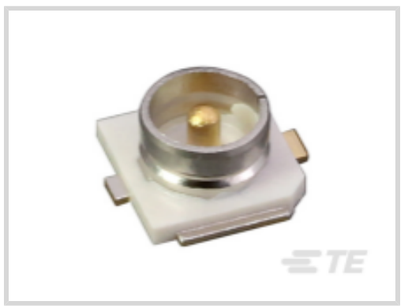
UMCC1

TE Internal #: CONMHF1-SMD-T

UMCC GEN 1 Connector, Jack, 50 ohm, Snap-On, 6 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, Copper Alloy, Gold, UMCC1

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **UMCC GEN 1**

RF Connector Style: **Jack**

Impedance: **50 Ω**

RF Connector Coupling Mechanism: **Snap-On**

Operating Frequency Range: **6 GHz**

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Connector Assembly |
| RF Interface | UMCC GEN 1 |
| RF Connector Style | Jack |
| Connector System | Cable-to-Board |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Number of Positions | 1 |
| Number of Coaxial Contacts | 1 |

### Electrical Characteristics

| | |
|---|---|
| Impedance | 50 Ω |

### Body Features

| | |
|---|---|
| Body Material | Copper Alloy |
| Body Plating Material | Gold |

### Mechanical Attachment

| | |
|---|---|
| RF Connector Coupling Mechanism | Snap-On |
| Connector Mounting Type | Board Mount |

## Operation/Application

| | |
|---|---|
| Circuit Application | Signal |
| Operating Frequency Range | 6 GHz |

## Other

| | |
|---|---|
| Dielectric Material | Liquid Crystal Polymer (LCP) |

# 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 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 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 # L9000213-01
Antenna WiFi6/6E FPC LV 7x45 150 UFL



TE Part # L9000215-01
Antenna WiFi6/6E FPC LV 7x45 200 UFL



TE Part # L9000374-01
Antenna WRT Dome 418MHz 250 UFL



TE Part # L9000072-01
Antenna 2.4 FPC SH 25x20 200 UFL



TE Part # 2508932-1
SMA JACK BULK-H NIPTFE TO MHF1 1.37LL MM



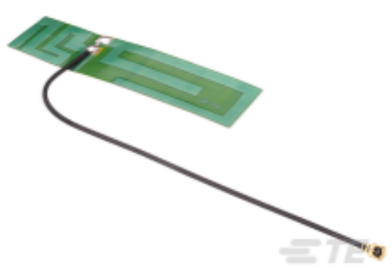
TE Part # L9000056-01
Antenna 2.4 FPC SH 12x8 150 UFL



TE Part # ANT-GNFPC-SHL150UF
Antenna GNSS FPC SH L1 25x25 50 UFL



TE Part # ANT-5GW-FPC-V100M4
Antenna 5GW FPC LV 20x120 100 MHF4



TE Part # ANT-LPC-FPC-50
Antenna Vert 5G LTE FPC 50



TE Part # ANT-B5-PW-QW-UFL
Antenna 1/4 Wave Whip LTE B5 1.32 UFL



TE Part # ANT-5GW-FPC-V150UF
Antenna 5GW FPC LV 20x120 150 UFL



TE Part # CSI-UFFR-200-UFFR
U.FL/MHF1 to U.FL/MHF1 200mm 1.13 OD



TE Part # CSI-RGFI-100-UFFR
RP-SMA to U.FL/MHF1 100mm 1.13 OD



TE Part # CSI-SAFB-200-UFFR
SMA to U.FL/MHF1 200mm 1.13 OD



TE Part # CSI-SAFB-300-UFFR
SMA to U.FL/MHF1 300mm 1.13 OD



TE Part # CSH-SGFB-100-UFFR
SMA to U.FL/MHF1 100mm 1.32 OD



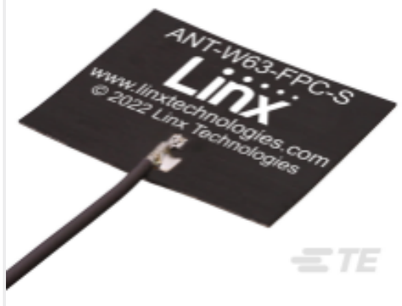
TE Part # CSI-RGFI-300-UFFR
RP-SMA to U.FL/MHF1 300mm 1.13 OD



TE Part # CSI-SGFE-100-UFFR
SMA to U.FL/MHF1 100mm 1.13 OD



TE Part # L9000043-01
Antenna 2.4 FPC LH 45x7 200 UFL



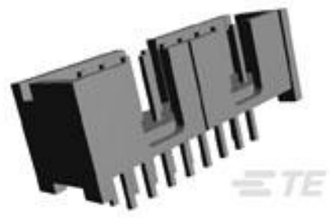
TE Part # L9000228-01
Antenna WiFi6/6E FPC SH 25x20 50 MHF4

## Also in the Series

## Customers Also Bought



TE Part #CONREVSMA001-SMD-G
RP-SMA Jack 50 Ohm PCB Surface Mount



TE Part #103308-7
034 LOPRO HDR SP 15DP



TE Part #7-1879214-0
CPF 0402 1K91 0.1% 25PPM 1K RL



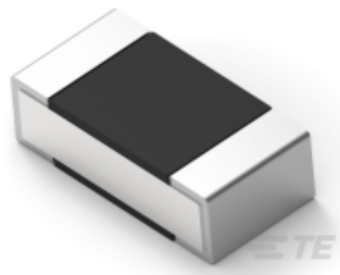
TE Part #6-1879338-2
CPF 0603 115K 1% 50PPM 1K RL



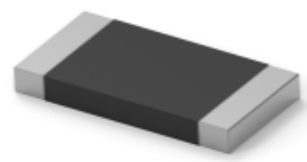
TE Part #2118903-1
LTE/Cell Band Antenna




TE Part #3-2176156-6
TLM 1206 0.5W R082 1% 50PPM 5K RL



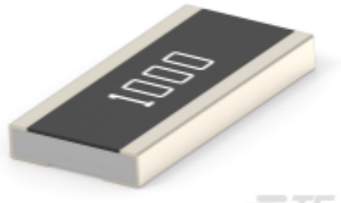
TE Part #8-2176307-9
RP 1E 0.1W 102K 0.1% 25PPM 5K RL



TE Part #7-2176422-5
TLRP 2512 3.0W R091 1% 50PPM 4K RL




TE Part #2-2176455-2
CPF 0402 6R98 0.1% 25ppm 1K RL




TE Part #4-2176562-8
3430 H2 1% 82R 100ppm 1k RL

## Documents

### CAD Files

Customer View Model

ENG_CVM_CVM_CONMHF1-SMD-T_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CONMHF1-SMD-T_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_CONMHF1-SMD-T_A.3d_stp.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Datasheets & Catalog Pages

U.FL-Type Jack PCB Surface-Mount Connector

English