CONMHF1-SMD-G-T ✔ ACTIVE

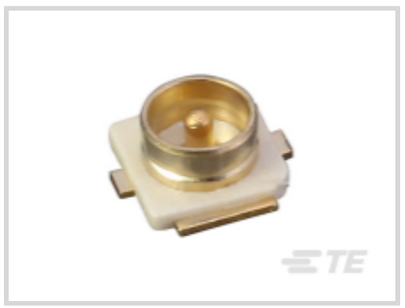
UMCC1

TE Internal #: CONMHF1-SMD-G-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 with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.9% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 2509220-1
MHF1 Plug to MHF1 Plug 1.37LL 50mm



TE Part # 2509220-4
MHF1 Plug to MHF1 Plug 1.37LL 125mm



TE Part # 1-2509220-1
MHF1 Plug to MHF1 Plug 1.37LL 500mm



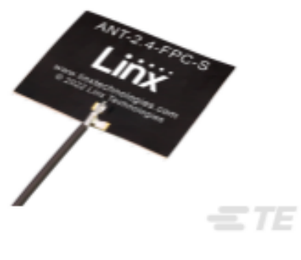
TE Part # L9000213-01
Antenna WiFi6/6E FPC LV 7x45 150 UFL



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 # 2509220-9
MHF1 Plug to MHF1 Plug 1.37LL 300mm



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



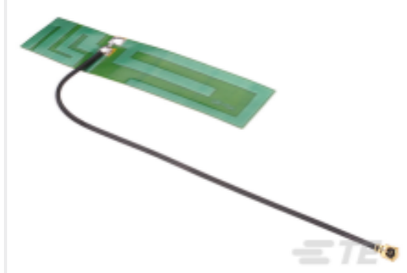
TE Part # L9000056-01
Antenna 2.4 FPC SH 12x8 150 UFL



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



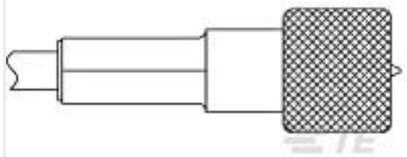
TE Part # CSH-SGFB-100-UFFR
SMA to U.FL/MHF1 100mm 1.32 OD

Also in the Series

Customers Also Bought



TE Part #6-160526-1
FF 250 REC 0.5-1.5MM2 BR SILVER PLATED



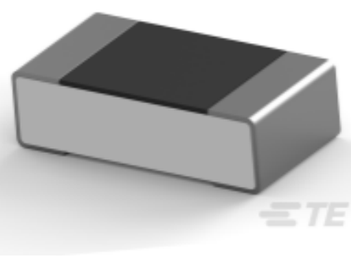
TE Part #1466328-1
132-0115-0002=PLUG,STR GC-50



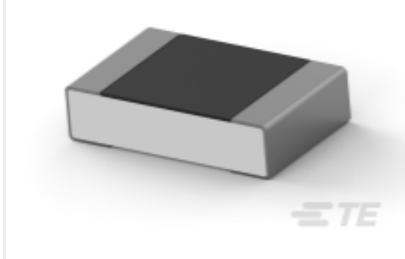
TE Part #9-1879223-1
CPF 0603 2K43 0.1% 25PPM 1K RL



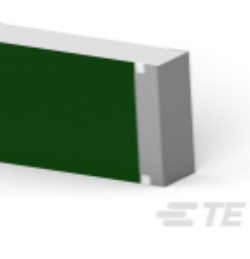
TE Part #4-2176325-5
CRGP 0402 47K 1%



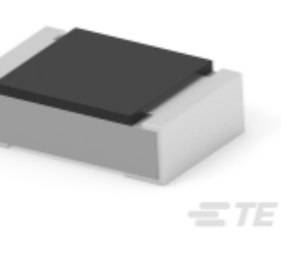
TE Part #7-2176367-3
RQ 0603 26K1 0.1% 10PPM 1K RL



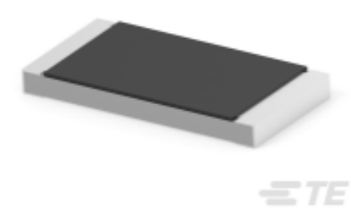
TE Part #9-2176374-7
RQ 0805 1K07 0.1% 10PPM 1K RL



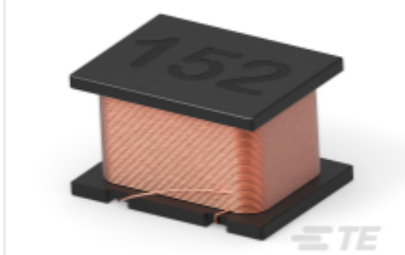
TE Part #2176399-3
3502 390R 5%



TE Part #3-2176573-6
RLC73PH 2A R154 1% 5K RL



TE Part #2-2176603-9
RLC73K 3A R11 1% 1K RL



TE Part #1-2176640-8
3627C 453226 1000UH 10%

Documents

Product Drawings

U.FL/MHF1 Jack 50 Ohm PCB Surface Mount

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CONMHF1-SMD-G-T_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CONMHF1-SMD-G-T_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_CONMHF1-SMD-G-T_A.3d_igs.zip

English

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