CONMHF4-SMD-G-T ✔ ACTIVE

UMCC4

TE Internal #: CONMHF4-SMD-G-T

UMCC GEN 4 Connector, Jack, 50 ohm, Snap-On, 6 GHz, Cable-to-Board, 1 Position, Printed Circuit Board, Board Mount, Copper Alloy, Gold, UMCC4

View on TE.com >

Connectors > RF Connectors > Coax Connectors



RF Interface: **UMCC GEN 4**

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 4
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: JUNE 2024 (241) 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 # L9000047-01
Antenna 2.4 FPC LV 7x45 150 MHF4



TE Part # L9000214-01
Antenna WiFi6/6E FPC LV 7x45 200 MHF4



TE Part # L9000232-01
Antenna WIFI6 2.4/5/6 GHz RPC MHF4 200



TE Part # 1-2016698-3
UMCC CA, GEN4-GEN4,1.13,L150MM, BK



TE Part # L9000200-01
Antenna WiFi6/6E FPC LV 7x45 50 MHF4



TE Part # L9000343-01
Antenna GNSS FPC SH L1 25x25 100 MHF4



TE Part # L9000104-01
Antenna 2.45GHz WRT Monopole MHF4



TE Part # L9000049-01
Antenna 2.4 FPC LV 7x45 200 MHF4



TE Part # L9000057-01
Antenna 2.4 FPC SH 12x8 50 MHF4



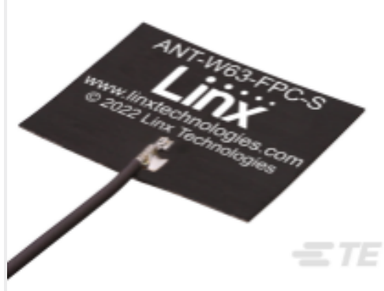
TE Part # L9000370-01
Antenna GNSS FPC SH L1 13x13 50 MHF4



TE Part # L9000208-01
Antenna WiFi6/6E FPC LH 45x7 200 MHF4



TE Part # L9000059-01
Antenna 2.4 FPC SF 25x20 100 MHF4



TE Part # L9000222-01
Antenna WiFi6/6E FPC SH 25x20 100 MHF4



TE Part # L9000231-01
Antenna WIFI6 2.4/5/6 GHz RPC MHF4 100



TE Part # L9000236-01
Antenna Dome Wifi6/6E 0.81 150 MHF4



TE Part # CSJ-SGFB-100-MHF4
SMA to MHF4 100mm 0.81 OD



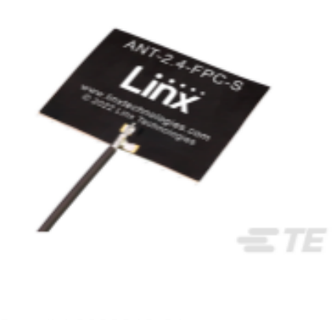
TE Part # ANT-5GW-FPC-V50M4
Antenna 5GW FPC LV 20x120 50 MHF4



TE Part # L9000356-01
Antenna WiFi6/6E 1.13 100 MHF4



TE Part # L9000362-01
Antenna5GWFPC120x201.13150mmMHF



TE Part # L9000069-01
Antenna 2.4 FPC SH 25x20 150 MHF4

Also in the Series

Customers Also Bought



TE Part #P5407601200-000
PN-507939_PLASTIC DUST CAP, M12



TE Part #ZPF000000000013313
DBAS 76-61-0 PN 059



TE Part #ZPF000000000012706
DBAS 70-61-0 SN



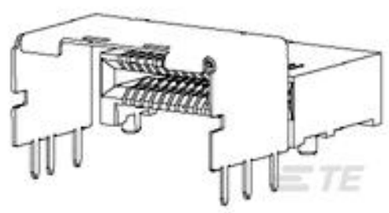
TE Part #147873-2
SWITCH,TACT,SMT,J-LEAD,4.3MM



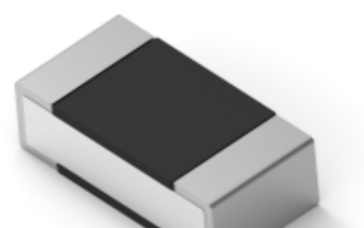
TE Part #1-826936-0
10P AMPMODU II STIFT LEI



TE Part #2-1625984-8
HSA50 200R 5%



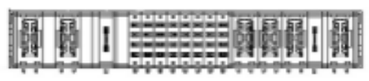
TE Part #1888019-6
Shielded Right Angle Receptacl



TE Part #1-2176313-2
RP 1E 0.1W 174K 0.1% 25PPM 1K RL



TE Part #2199119-4
M.2 0.5PITCH 3.2H KEY E 15U'' AU



TE Part #2314578-2
R/A HEADER, MULTI-BEAM XLE, VITA 62

Documents

Product Drawings

MHF4 Jack 50 Ohm PCB Surface Mount

English

CAD Files

Customer View Model

ENG_CVM_CVM_CONMHF4-SMD-G-T_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_CONMHF4-SMD-G-T_A.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CONMHF4-SMD-G-T_A.2d_dxf.zip

English

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

Datasheets & Catalog Pages

MHF4 Jack PCB Surface-Mount Connector

English