

CONUFL001-SMD-T

✓ ACTIVE

TE Internal #: CONUFL001-SMD-T
UMCC GEN 1 RF Interface, Jack, 50 ohm, Snap-On, 6 GHz
Operating Frequency, 1 Position, Printed Circuit Board, Board
Mount, -40 – 90 °C [-40 – 194 °F]
[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: **6 GHz**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	1
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
Body Material	Brass
Body Material Finish	Plated
Body Plating Material	Gold

Contact Features

RF Connector Center Contact Plating Material	Gold
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RF Connector Center Contact Material	Brass
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Termination Features

Termination Method to PCB	Surface Mount
Termination Method to Wire & Cable	Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Snap-On
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Mechanical
Detent	Without

Usage Conditions

Operating Temperature Range	-40 – 90 °C[-40 – 194 °F]
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Operation/Application

Circuit Application	Signal
Operating Frequency	6 GHz

Packaging Features

Packaging Quantity	2500
Packaging Method	Tape & Reel

Other

Dielectric Material	Liquid Crystal Polymer
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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (4.35% 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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free


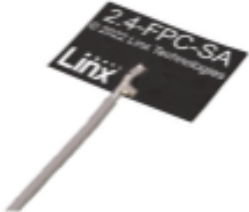
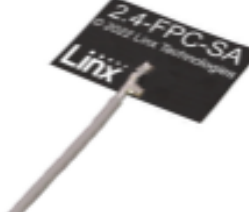









Solder Process Capability

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 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

 <p>TE Part # L9000046-01 Antenna 2.4 FPC LV 7x45 200 UFL</p>	 <p>TE Part # L9000054-01 Antenna 2.4 FPC SH 12x8 100 UFL</p>	 <p>TE Part # L9000058-01 Antenna 2.4 FPC SH 12x8 50 UFL</p>	 <p>TE Part # L9000060-01 Antenna 2.4 FPC SF 25x20 100 UFL</p>
 <p>TE Part # L9000068-01 Antenna 2.4 FPC SH 25x20 100 UFL</p>	 <p>TE Part # L9000097-01 Antenna 1/4 Wave Whip 2.4GHz RG178 UFL</p>	 <p>TE Part # L9000101-01 Antenna 1/2 Wave Whip 2.4GHz 1.32 UFL</p>	 <p>TE Part # L9000104-01 Antenna 2.45GHz WRT Monopole MHF4</p>
 <p>TE Part # L9000107-01 Antenna 2.45GHz WRT Monopole U.FL</p>	 <p>TE Part # L9000111-01 Antenna Dome 2.4GHz 1.32 216 UFL</p>	 <p>TE Part # L9000112-01 Antenna Dome 2.4GHz 1.32 100 UFL</p>	 <p>TE Part # L9000113-01 Antenna Dome 2.4GHz 1.32 150 UFL</p>



TE Part # ANT-433-PW-QW-UFL
Antenna 1/4 Wave Whip 433MHz 1.32 UFL




TE Part # L9000340-01
Antenna Horz FPC 2.4GHz 120x20 100 MHF4



TE Part # L9000341-01
Antenna Horz FPC 2.4GHz 120x20 100 UFL



TE Part # L9000360-01
Antenna 5GW FPC 45x7 1.13 coax 150mm UFL



TE Part # L9000361-01
Antenna 5GW FPC 45x7 1.13 coax 200mm UFL



TE Part # ANT-5GW-FPC-LH50UF
Antenna 5GW FPC LH 45x7 50 UFL



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



TE Part # ANT-5GW-FPC-V100UF
Antenna 5GW FPC LV 20x120 100 UFL

Customers Also Bought



TE Part #2-644803-4
04P MTA100 SHRD HDR ASSY RA FL



TE Part #7-338728-8
MICROM. MOB SMD CON



TE Part #1SNG609049R0000
ENBR-WG-PG16-BL-A



TE Part #1SNG626165R0000
EP-SGL-PG16-BL-B



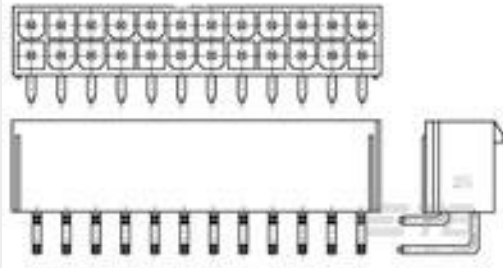
TE Part #5556591-1
MJ,LPF,R/A,8P/8C,SHLD,KEYEDP



TE Part #L9000262-01
SMA Jack 50 Ohm .031 PCB Edge Mount



TE Part #1SNG601123R0000
EP-SG-M40-BL-B



TE Part #1586863-8
8P VAL-U-LOK R/A HDR GW



TE Part #374279-E
STVRD 128 FI ABCD VVV 7-03 EE ** 247 E



TE Part #L000520-01
Antenna GNSS FPC SH L1/L5 25x25 200 UFL

Documents



CAD Files

Customer View Model

[ENG_CVM_CVM_CONUFL001-SMD-T_B.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_CONUFL001-SMD-T_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CONUFL001-SMD-T_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MICRO COAXIAL SURFACE MOUNT CONNECTOR](#)

English