1909763-1 ✔ ACTIVE

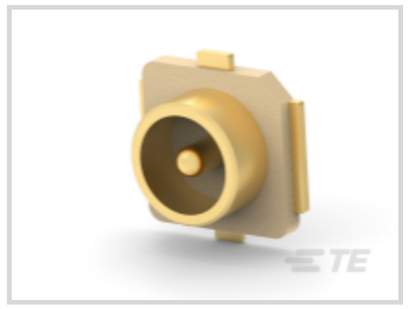
UMCC1

TE Internal #: 1909763-1

UMCC GEN 1 Connector, Jack, 50 ohm, Push-On, 6 GHz, Board-to-Component, 1 Position, Printed Circuit Board, Board Mount, UMCC1

View on TE.com >

Connectors > RF Connectors > Coax Connectors







RF Interface: **UMCC GEN 1**

RF Connector Style: **Jack**

RF Connector Mated Outer Diameter (Approximate): **2 mm [.078 in]**

Impedance: **50 Ω**

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

Features

Product Type Features

Connector Product Type	Connector Assembly
RF Interface	UMCC GEN 1
RF Connector Style	Jack
Connector System	Board-to-Component
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

Body Features

Body Underplating Material	Nickel

Body Material	Copper Alloy
Body Material Finish	Plated
Body Plating Material	Gold Flash

Contact Features

RF Connector Center Contact Plating Material	Gold (Au)
RF Connector Center Contact Material	Copper Alloy

Termination Features

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

Mechanical Attachment

RF Connector Coupling Mechanism	Push-On
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Snap-On
Detent	With

Housing Features

Body Orientation	Straight

Dimensions

Profile Height from PCB	1.25 mm[.049 in]
RF Connector Mated Outer Diameter (Approximate)	2 mm[.078 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
Operating Frequency Range	6 GHz

Packaging Features

Packaging Method	Reel

Other

Dielectric Material	Liquid Crystal Polymer (LCP)

Product Compliance

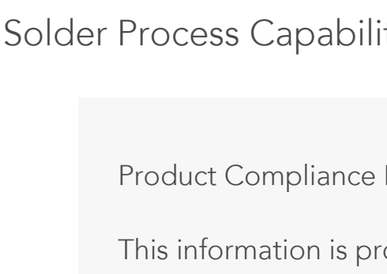
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

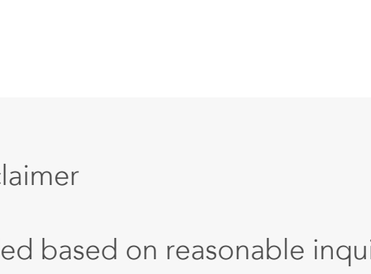
Product Compliance Disclaimer

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

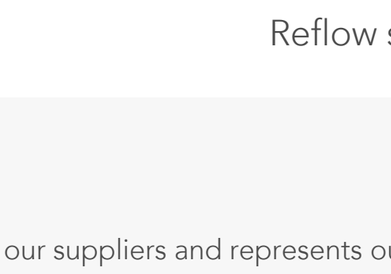
Compatible Parts



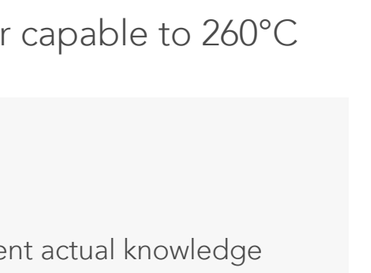
TE Part # 2016692-7
RF CA,TNC BULKHEAD TO UMCC I, L350MM



TE Part # 2016691-7
RF CA,1.0-2.3 BULKHEAD TO UMCC I, L350MM



TE Part # 2016691-5
RF CA,1.0-2.3 BULKHEAD TO UMCC I, L250MM



TE Part # 2016693-9
RF CA,RP-SMA BULKHEAD TO UMCC I,L500MM



TE Part # 2016693-8
RF CA,RP-SMA BULKHEAD TO UMCC I,L450MM



TE Part # 2195633-2
I-PEX 20278 WITH DIA 1.32MM L100MM BLACK



TE Part # 2016691-9
RF CA,1.0-2.3 BULKHEAD TO UMCC I, L500MM



TE Part # 2016693-3
RF CA,RP-SMA BULKHEAD TO UMCC I,L150MM



TE Part # 2118651-1
RF CA,UMCC GEN1-GEN1,1.13MM CABLE,L140MM



TE Part # 2118651-9
RF CA,UMCC GEN1-GEN1,1.13,L250, BK



TE Part # 2118651-4
CABLE ASSY MHF- MHF 1.13 CABLE



TE Part # 2016682-9
RF CA,SMA BK TO UMCC GEN1,1.13, L750MM



TE Part # 2015698-4
C/A, UMCC/UMCC, 0.80 OD CABLE, 50 MM



TE Part # 2016677-3
RF CA,UMCC GEN2-GEN4,0.81,L50, BLACK



TE Part # 2118651-8
RF CA,UMCC GEN1-GEN1,1.13MM CABLE,L200MM



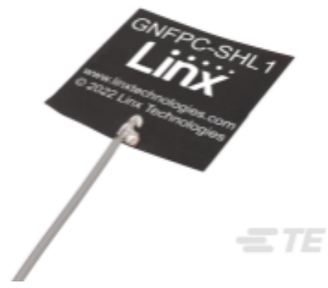
TE Part # 1-2118651-1
RF CA,UMCC GEN1-GEN1,1.13MM CABLE,L509MM



TE Part # 2410329-4
RF CA,UMCC GEN1-GEN1,1.37MM CABLE,L200MM



TE Part # 2016682-4
RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM



TE Part # L9000368-01
Antenna GNSS FPC SH L1 13x13 100 UFL

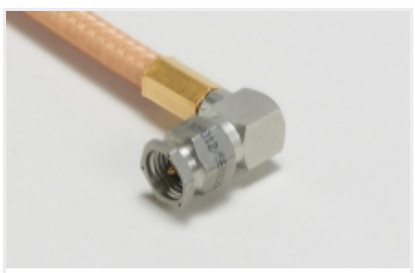


TE Part # 2118651-7
CABLE ASSY MHF 1.13 CABLE

Also in the Series | UMCC1



Coax Connectors(6)



RF Cable Assemblies(103)

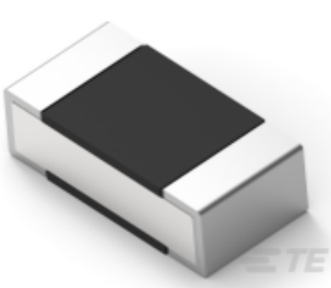
Customers Also Bought



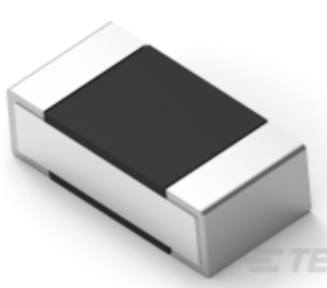
TE Part #1461078-5
OJ-SS-112HMF,000



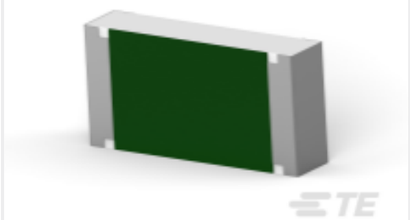
TE Part #2118909-4
PCB Ant, MHF4L, 115.8mm, Wi-Fi 6E Triple



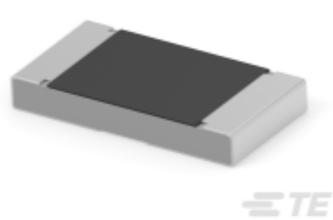
TE Part #4-2176304-0
RP 1E 0.1W 25R5 0.1% 25PPM 5K RL



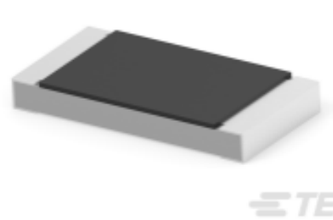
TE Part #1-2176309-4
RP 1E 0.1W 13R7 0.1% 25PPM 1K RL



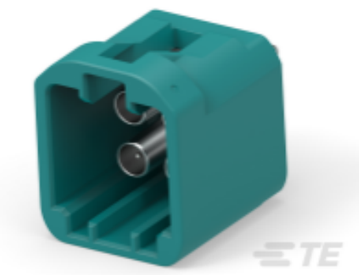
TE Part #1-2176399-2
3502 2K2 5%



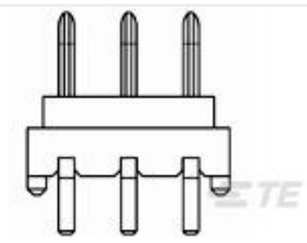
TE Part #1-2176528-9
3503G 2B 9K09 1% 5K RL



TE Part #9-2176597-7
RLC73PD 2H R562 1% 4K RL



TE Part #2378550-9
4P MATE-AX HDR,ASSY , 180deg, COD Z



TE Part #6447142-3
BU CONN FS3 HEADER Q2 (4P)

TE Part #G-ENS-002
ASSY SX-A TRIM SENDER 3-WIRE

Documents

Product Drawings

UMCC MICRO-COAX RECPT GEN 1 HIGHER LEVEL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1909763-1_B_c-1909763-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1909763-1_B_c-1909763-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1909763-1_B_c-1909763-1-b.3d_stp.zip

English

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Product Specifications

English

English