



UMCC

TE Internal #: 1909763-1
UMCC, RF Connectors, UMCC RF Interface, Receptacle, RF
Connector Mated Outer Diameter (Approximate) .078 in [2 mm], 50
Ω, Push-On
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Connectors > RF Coax Connectors > RF Connectors



RF Interface: **UMCC**
RF Connector Style: **Receptacle**
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
RF Connector Style	Receptacle
Connector System	Board-to-Component
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Electrical Characteristics

Impedance	50 Ω
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Body Features

Cable Connector Orientation	Straight
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Body Material	Copper Alloy
Body Material Finish	Plated
Body Plating Material	Gold Flash
Body Underplating Material	Nickel

Contact Features

RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Copper Alloy

Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Dimensions

RF Connector Mated Outer Diameter (Approximate)	2 mm[.078 in]
Height Above PC Board	1.25 mm[.049 in]

Usage Conditions

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

Operating Frequency	0 – 6 GHz
Circuit Application	Signal

Packaging Features

Packaging Method	Reel
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Other

Dielectric Material	LCP
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2032440-1
C/A, UMCC TO SMA BHD JACK, 1.37 MM L200MM



TE Part # 2015699-1
C/A, UMCC/UMCC, 0.80 OD CABLE, L100MM



TE Part # 2016682-2
RF CA,SMA BK TO UMCC GEN1,1.13, L100MM



TE Part # 2016682-4
RF CA,SMA BK TO UMCC GEN1,1.13, L200MM



TE Part # 2016693-2
RF CA,RP-SMA BULKHEAD TO UMCC I,L100MM



TE Part # 2016693-4
RF CA,RP-SMA BULKHEAD TO UMCC I,L200MM



TE Part # 2118651-6
RF CA,UMCC GEN1-GEN1,1.13,L90, GREY



TE Part # 2015698-2
C/A, UMCC/UMCC 0.80 OD CABLE, 100MM LONG

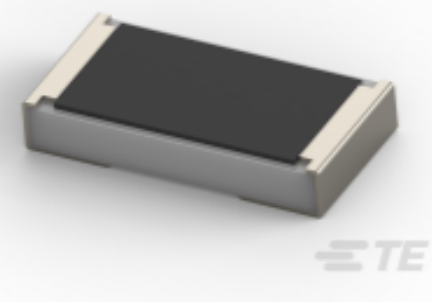


 TE Part # 2015698-3 C/A, UMCC/UMCC 0.80 OD CABLE, 200MM LONG	 TE Part # 2015698-4 C/A, UMCC/UMCC, 0.80 OD CABLE, 50 MM	 TE Part # 2015699-2 C/A, UMCC/UMCC, 0.80 OD CABLE, 200 MM	 TE Part # 1-2016682-0 RF CA,SMA BK TO UMCC GEN1,1.13, L1000MM
 TE Part # 1-2016682-1 RF CA,SMA BK TO UMCC GEN1,1.13, L254MM	 TE Part # 1-2195633-0 RF CA,UMCC GEN1-GEN1,1.32, L70MM,BK	 TE Part # 1-2195633-1 RF CA,UMCC GEN1-GEN1,1.32, L150MM,WH	 TE Part # 2015698-1 C/A, UMCC/UMCC 0.80 OD CABLE, 39MM LONG
 TE Part # 2015698-5 C/A, UMCC/UMCC, 0.80 OD CABLE, 140MM	 TE Part # 2016677-3 RF CA,UMCC GEN2-GEN4,0.81,L50, BLACK	 TE Part # 2016677-4 RF CA,UMCC GEN2-GEN4,0.81,L80, BLACK	 TE Part # 2016682-1 RF CA,SMA BK TO UMCC GEN1,1.13, L50MM

Also in the Series | **UMCC**

 RF Cable Assemblies(7)	 RF Connectors(3)
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Customers Also Bought

 TE Part #9-2176231-6 SMD Power Resistor: 3 Watt, 1% Tol	 TE Part #1625854-2 0805 PROBE PAD	 TE Part #1625854-3 0603 PROBE PAD	 TE Part #1648111-1 221-0011-01100
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TE Part #1676212-3
RN 0805 18K2 0.1% 10PPM 5KRL



TE Part #1-2176306-1
RP 1E 0.1W 1K47 0.1% 25PPM 5K RL



TE Part #1-2176370-6
RQ 0603 619R 0.1% 10PPM 5K RL



TE Part #1546931-8
8P UNSHROUD 5.0 HDR,HIGH TEMP



TE Part #1546657-2
2P PCV DUAL BARRIER,0.250



TE Part #1648116-1
222-0011-01100

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

Product Environmental Compliance

MD_1909763-1_061220172226_dmtec

English

MD_1909763-1_061220172226_dmtec

English

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