



Connectors > RF Connectors > Coax Connectors



RF Interface: **UMCC GEN 1**
RF Connector Style: **Receptacle**
RF Connector Mated Outer Diameter (Approximate): **2 mm [.078 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Snap-Off, Snap-On**

Features

Product Type Features

RF Interface	UMCC GEN 1
RF Connector Style	Receptacle
Connector System	Cable-to-Board
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

EMI & RFI Protection & Suppression Type	Shielding
Impedance	50 Ω

Body Features

Body Underplating Material	Nickel
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Cable Connector Orientation	Straight
Body Material	High Temperature Thermoplastic UL94-V0
Body Material Finish	Plated
Body Plating Material	Gold Flash

Contact Features

RF Connector Center Contact Underplating Material	Nickel
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	Solder

Mechanical Attachment

RF Connector Coupling Mechanism	Snap-Off, Snap-On
Connector Mounting Type	Board Mount
RF Contact Captivation Method	Solder

Housing Features

Housing Color	Black
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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 – 85 °C[-40 – 185 °F]
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Operation/Application

Operating Frequency Range	0 – 6 GHz
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Packaging Features

Packaging Method	Reel & Box
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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

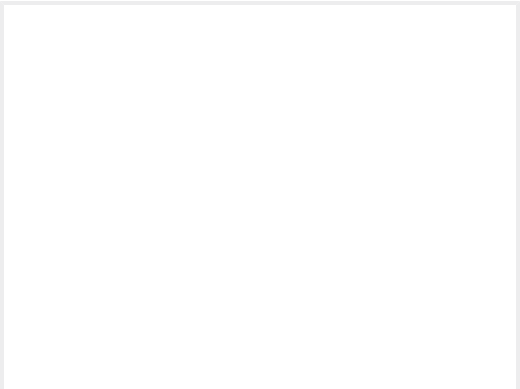


China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per 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 # 2016691-3 RF CA,1.0-2.3 BULKHEAD TO UMCC I, L150MM	 TE Part # 2016682-6 RF CA,SMA BK TO UMCC GEN1,1.13, L300MM	 TE Part # 1-2367286-1 LTE ANTENNA COTS FPC ASSEMBLY100mm Cable	 TE Part # 2108858-4 PCB Ant, MHF, 200mm, Wi-Fi 6E TripleBand
 TE Part # 1-2367286-3 LTE ANTENNA COTS FPC ASSY 300mm Cable	 TE Part # 1-2108857-2 PCB Ant, MHF, 300mm Wi-Fi 6E TripleBand	 TE Part # 1-2367286-2 LTE ANTENNA COTS FPC ASSY 250mm Cable	 TE Part # 2118308-5 4G WORLD BAND, METASPAN, PCB ANT, 203 MM



TE Part # 2016691-1
RF CA, 1.0-2.3 BULKHEAD TO UMCC I, L50MM



TE Part # 2016691-8
RF CA, 1.0-2.3 BULKHEAD TO UMCC I, L450MM



TE Part # 2016692-6
RF CA, TNC BULKHEAD TO UMCC I, L300MM



TE Part # 2195849-2
ISM 868 / 915 MHz ANTENNA



TE Part # 2016682-5
RF CA, SMA BK TO UMCC GEN1, 1.13, L250MM



TE Part # 1-2372112-1
LTE ANTENNA COTS FPC ASSEMBLY 250MM



TE Part # 2372112-4
LTE ANTENNA COTS FPC ASSEMBLY 130MM



TE Part # 1-2118909-2
PCB Ant, MHF, 100mm, Wi-Fi 6E Triple



TE Part # 1-1513472-2
UAM Assembly 80 mm cable Black



TE Part # 1-2118909-1
PCB Ant, MHF, 50mm, Wi-Fi 6E Triple



TE Part # 2108921-4
FPC Ant, MHF, 200mm, 617-7125MHz

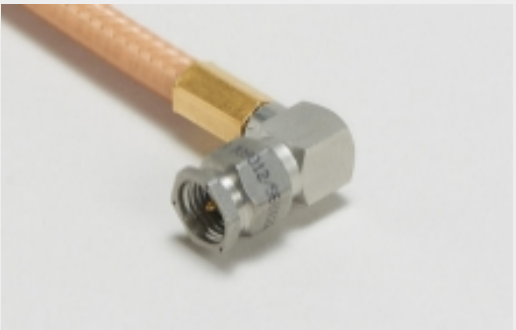


TE Part # 2361492-6
PCB Antenna, cable, MHF, 698-2700MHz

Also in the Series | **UMCC**



Coax Connectors(3)

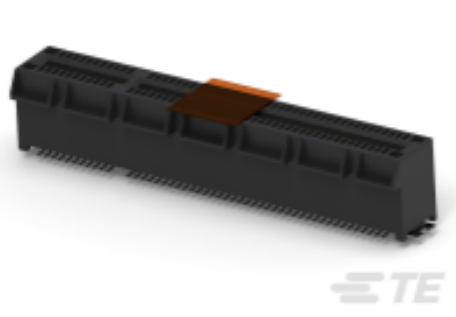


RF Cable Assemblies(7)

Customers Also Bought



TE Part #2336568-3
RECEPT ASSY, RA, 168 POS, SLIVER 2.0



TE Part #4-2337939-3
PCIE GEN4 CON,SMT,98POS,15u", MYLAR,HT"

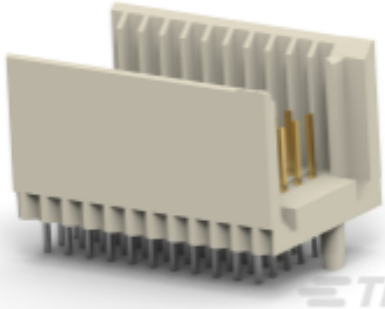


TE Part #7-5177986-2
0.8FH,P07H.5,060,30/Sn,TR,SC



TE Part #5-5179009-6
0.8FH,R09H.5,140,08/Sn,TU





TE Part #CAT-472-Z12

Hard Metric Male Connector:
Traditional Backplane, Mezzanine,
2mm

TE Part #ZPF000000000207131

[732-8255-06](#)

TE Part #ZPF000000000207719

[732-8305-11-R](#)

TE Part #ZPF000000000207514

[732-8305-11](#)

TE Part #ZPF000000000207718

[732-8255-06-R](#)

Documents

Product Drawings

UMCC Micro-Coax receptacle, Gen 1

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2337019-1_A2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2337019-1_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2337019-1_A2.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English