



Connectors > RF & Coax Connectors > RF Connectors



RF Interface: **UMCC**

RF Connector Style: **Receptacle**

Impedance: **50 Ω**

Cable Type: **Coax**

RF Connector Coupling Mechanism: **Snap-Off, Snap-On**

Features

Product Type Features

RF Interface	UMCC
RF Connector Style	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Mounting Legs	4
Number of Signal Positions	1
Port Configuration	Single Port
Number of Positions	1
PCB Mount Orientation	Vertical
Number of Coaxial Contacts	1

Electrical Characteristics

Impedance	50 Ω
EMI & RFI Protection Type	Shielding



Body Features

Cable Connector Orientation	Straight
Body Finish	Plated
Body Plating Material	Gold

Termination Features

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

Mechanical Attachment

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

Usage Conditions

Cable Type	Coax
Operating Temperature Range	-40 – 85 °C, -40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

Operation/Application

Operating Frequency	6 GHz
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Packaging Features

Packaging Method	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: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197)
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
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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 Model / Part # 2016677-4
RF CA,UMCC TO UMCC,
0.81MM CABLE,80MM



TE Model / Part # 2016694-2
RF CA,SMA BULKHEAD
TO UMCC IV,L100MM



TE Model / Part # 2016695-2
RF CA,RP-SMA
BULKHEAD TO UMCC IV,
L100MM



TE Model / Part # 2016695-4
RF CA,RP-SMA
BULKHEAD TO UMCC IV,
L200MM

Also in the Series | UMCC



RF Cable Assemblies(9)



RF Connectors(2)

Customers Also Bought



TE Model / Part #1888019-4
Shielded Right Angle
Receptacl

TE Model / Part #1986371-7
Str Plug, 3.5mm, Green,
LH, 7

TE Model / Part #3-794616-0
10P MICRO MNL PLUG
HSG FREE HNG DBL RW

TE Model / Part #2329389-1
PB OFF/ON FC BLK M1
TERM WHI LED IP68 50

TE Model / Part #2-2329328-0
PB OFF/ON HC BLU M4
TERM. IP68

TE Model / Part #2329359-9
PB ON/OFF HC GRE M1
TERM IP68 500MM LHS

TE Model / Part #8-1622824-5
RL73H 3A R30 1% 1K RL

TE Model / Part #1625888-2
2W STD M/OX 5% 180R

TE Model / Part #5-2176309-0
RP 1E 0.1W 32R4 0.1%
25PPM 1K RL

TE Model / Part #2176380-6
RQ 0805 1K3 0.1% 10PPM
5K RL

Documents

Product Drawings

UMCC Micro-Coax receptacle, Gen 4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2334884-1_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2334884-1_A2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2334884-1_A2.3d_stp.zip

English

Product Specifications

Product Specification



English

Product Specification

English