

UMCC

TE Internal #: 1909763-1 UMCC RF Interface, Receptacle, 50 Ω, Push-On, 0 – 6 GHz Operating Frequency, Board-to-Component, 1 Position, Printed Circuit Board, Board Mount, UMCC

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Connectors > RF Connectors > Coax Connectors



RF Interface: UMCC

RF Connector Style: Receptacle

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

Impedance: 50Ω

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	
PCB Mount Orientation	Vertical
Number of Positions	1
Number of Coaxial Contacts	1
Electrical Characteristics	
Impedance	50 Ω
Body Features	
Body Underplating Material	Nickel

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Cable Connector Orientation	Straight
Body Material	Copper Alloy
Body Material Finish	Plated
Body Plating Material	Gold Flash
Contact Features	
RF Connector Center Contact Plating Material	Gold
RF Connector Center Contact Material	Copper Alloy
Termination Features	
Termination Method to Printed Circuit Board	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
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	
Operating Frequency	0 – 6 GHz
Circuit Application	Signal
Packaging Features	
Packaging Method	Reel
Other	
Dielectric Material	LCP
Product Compliance For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Compliant

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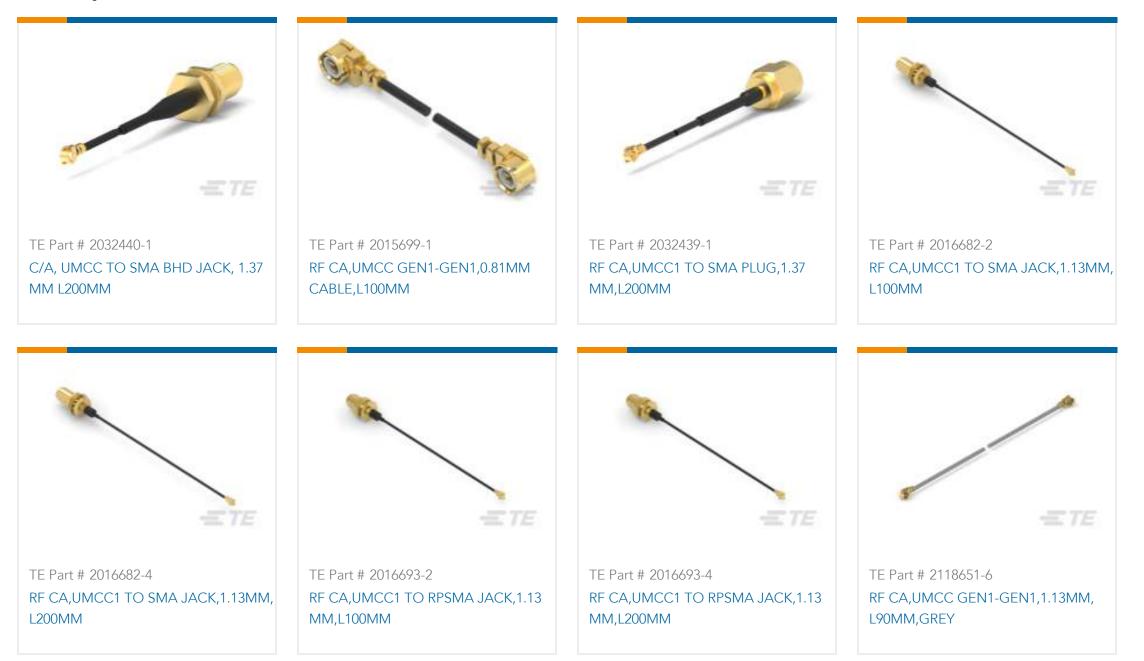


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	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

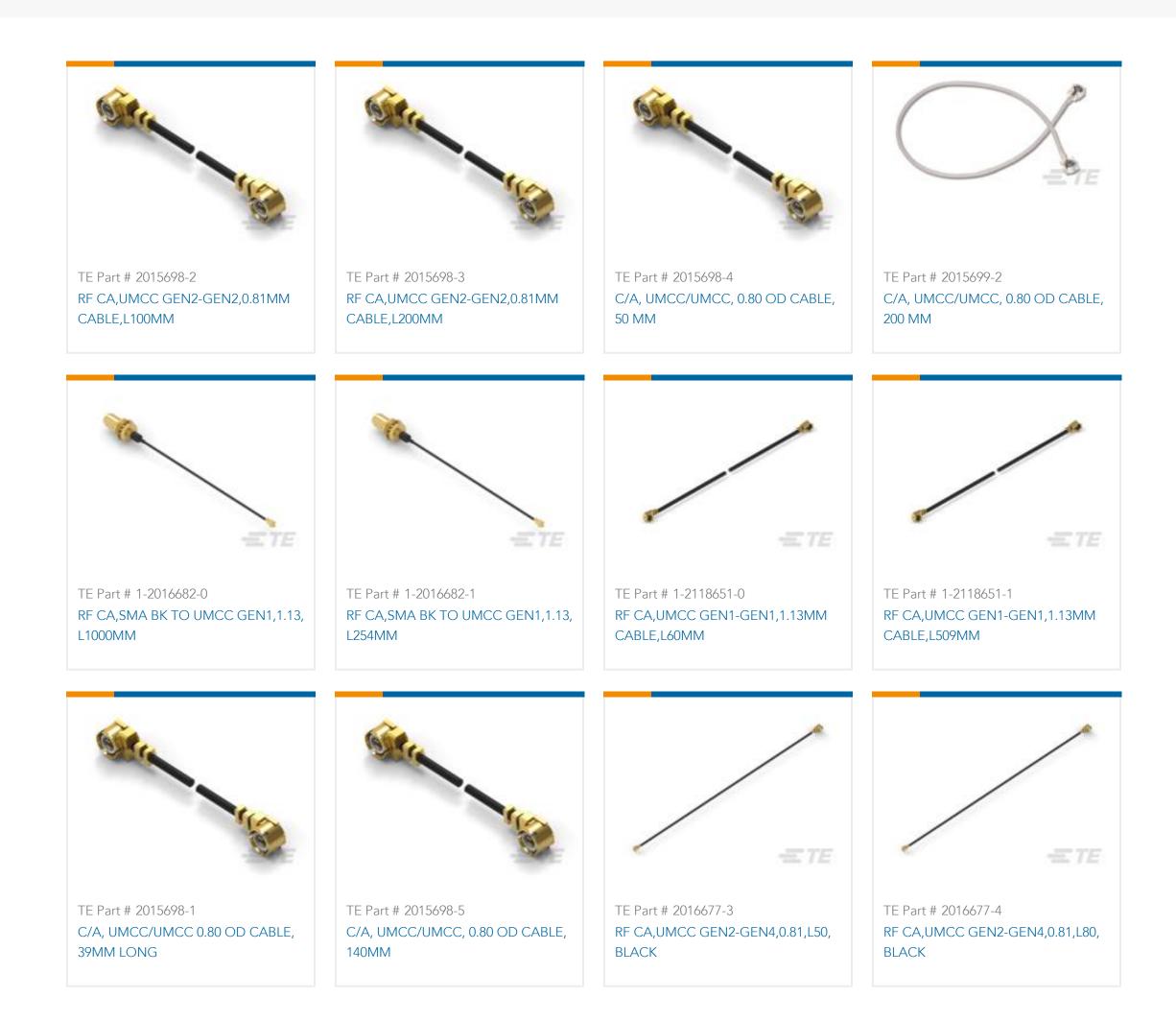
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-onreach

Compatible Parts



UMCC RF Interface, Receptacle, 50 Ω, Push-On, 0 – 6 GHz Operating Frequency, Board-to-Component, 1 Position, Printed Circuit Board, Board Mount, UMCC





Also in the Series UMCC



Customers Also Bought



UMCC RF Interface, Receptacle, 50 Ω , Push-On, 0 – 6 GHz Operating Frequency, Board-to-Component, 1 Position, Printed Circuit Board, Board Mount, UMCC





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

Product Compliance Document

English

Product Compliance Document

English