



UMCC1

TE Internal #: 2337019-1
UMCC GEN 1 Connector, Jack, 50 ohm, Snap-Off / Snap-On, 6 GHz, Cable-to-Board, 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: **Snap-Off, Snap-On**

Features

Product Type Features

RF Interface	UMCC GEN 1
RF Connector Style	Jack
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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Body Material	High Temperature Thermoplastic
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
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 – 85 °C[-40 – 185 °F]
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Operation/Application

Operating Frequency Range	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: 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 # 2372105-2 LTE ANTENNA COTS PCB ASSEMBLY 100MM	 TE Part # 2195835-7 ISM 868 / 915 MHz ANTENNA	 TE Part # 2016691-2 RF CA,UMCC1 TO 1.0-2.3 BH,1.37MM, L100MM	 TE Part # 2016693-7 RF CA,RP-SMA BULKHEAD TO UMCC I,L350MM
 TE Part # 2016693-6 RF CA,RP-SMA BULKHEAD TO UMCC I,L300MM	 TE Part # 2016692-9 RF CA,TNC BULKHEAD TO UMCC I, L500MM	 TE Part # 2118651-3 CABLE ASSY MHF- MHF 1.13 CABLE	 TE Part # 2108948-5 PCB Ant, MHF4L, 50mm, 617-7125MHz





TE Part # 2108921-7
FPC Ant, MHF4L, 150mm, 617-7125MHz



TE Part # 2032439-3
RF CA,SMA PG ST TO UMCC GEN1, L100MM



TE Part # 2032440-2
C/A, UMCC TO SMA BHD JACK, 1.3. L-370MM



TE Part # 2108948-7
PCB Ant, MHF4L, 150mm, 617-7125MHz



TE Part # 2108921-6
FPC Ant, MHF4L, 100mm, 617-7125MHz



TE Part # 2195846-9
FPC ANT, MHF, 300mm, 698-7125 MHz



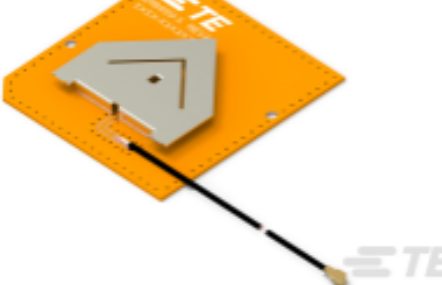
TE Part # L000477-04
FPC ANT, VDP, 200mm MHF CEL 698-5000MHz



TE Part # 1-2108858-2
PCB Ant, MHF, 250mm, Wi-Fi 6E TripleBand



TE Part # 2118060-3
DUAL BAND ANTENNA ASSEMBLY W /80MM CABLE



TE Part # 2118899-2
WLAN Dual Band Antenna 2.4 / 5 GHz



TE Part # 2367286-8
LTE ANTENNA COTS FPC ASSY 150mm Cable

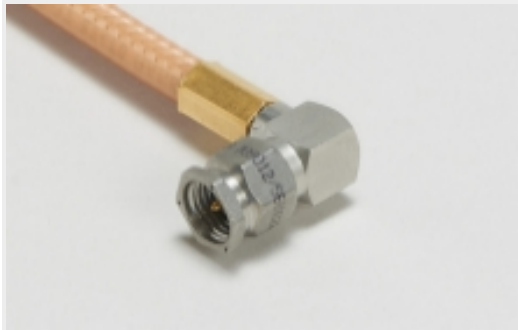


TE Part # 1-2108857-1
PCB Ant, MHF, 250mm Wi-Fi 6E TripleBand

Also in the Series | **UMCC1**

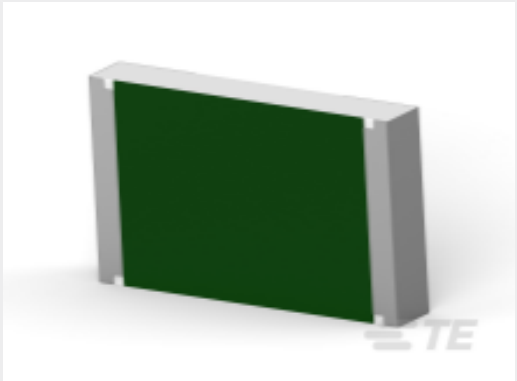


Coax Connectors(6)



RF Cable Assemblies(103)

Customers Also Bought



TE Part #3-2176400-8
3540 36R 1%

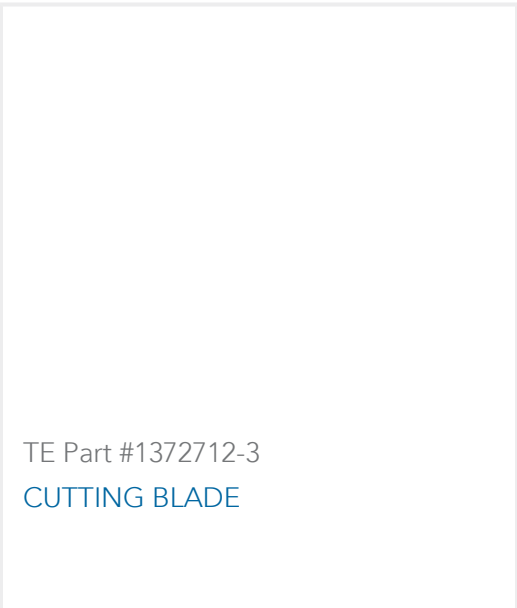
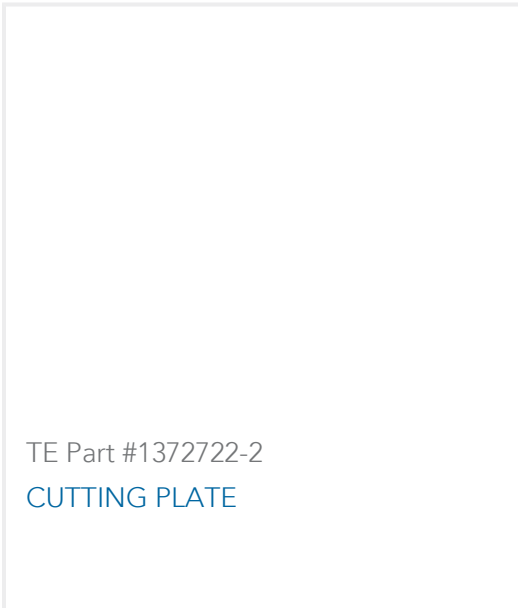
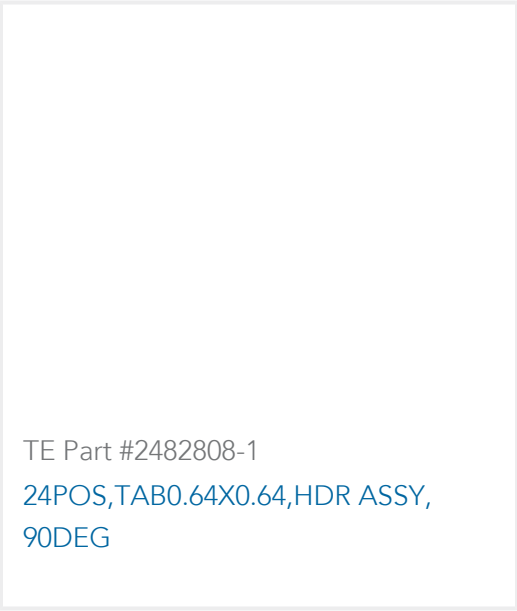
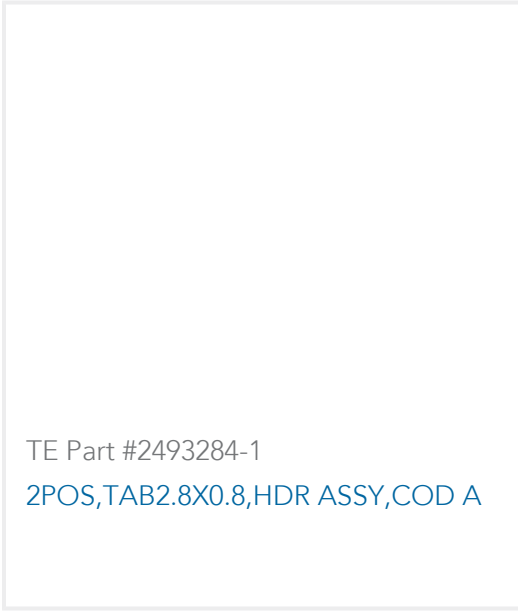


TE Part #2237067-4
24POS,TAB0.64X0.64,HDR ASSY,90 DEG,SMD

TE Part #523223-8
FLAT BELT L:1100

TE Part #1372712-2
CUTTING BLADE



 TE Part #1372712-3 CUTTING BLADE	 TE Part #1372722-2 CUTTING PLATE	 TE Part #1372750-8 ANVIL SLEEVE	 TE Part #2237067-3 24POS, TAB0.64X0.64, HDR ASSY, 90 DEG, SMD
 TE Part #2482808-1 24POS, TAB0.64X0.64, HDR ASSY, 90DEG	 TE Part #2493284-1 2POS, TAB2.8X0.8, HDR ASSY, COD A		

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English