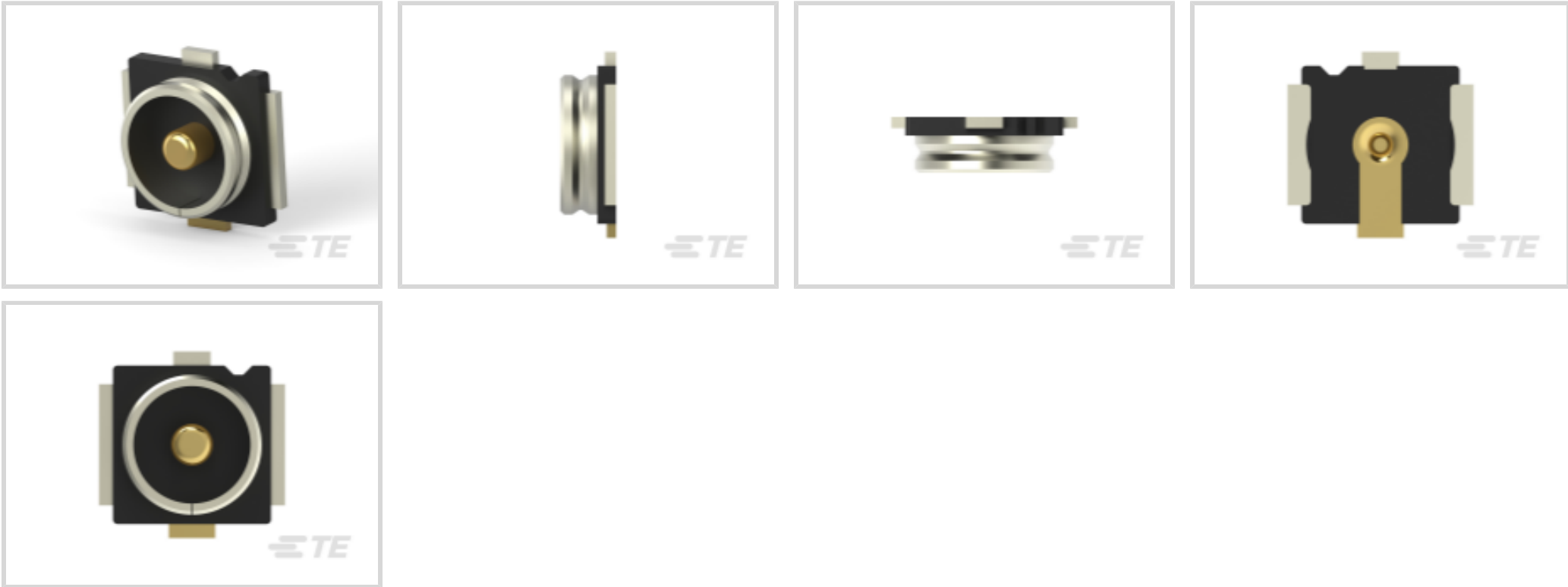




Connectors > RF Connectors > Coax Connectors



RF Interface: **UMCC GEN 4**
RF Connector Style: **Receptacle**
RF Connector Mated Outer Diameter (Approximate): **1.6 mm [.063 in]**
Impedance: **50 Ω**
RF Connector Coupling Mechanism: **Snap-Off, Snap-On**

Features

Product Type Features

RF Interface	UMCC GEN 4
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	Copper Alloy
Body Material Finish	Plated
Body Plating Material	Gold

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

Dimensions

Profile Height from PCB	.7 mm[.023 in]
RF Connector Mated Outer Diameter (Approximate)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Operating Frequency	0 – 12 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

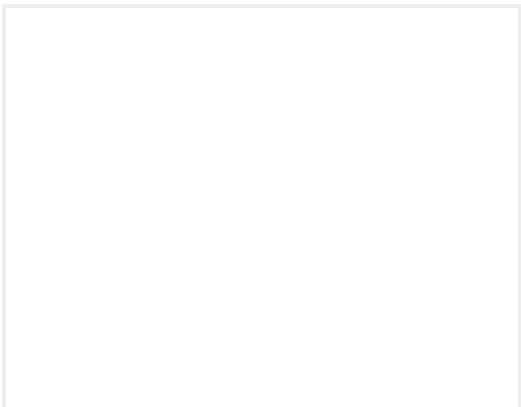
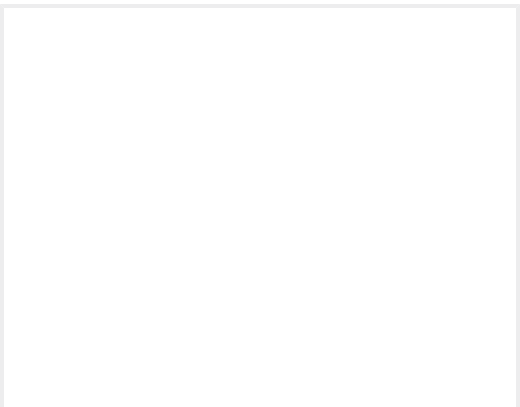
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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Product Compliance Disclaimer

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 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 # L000848-09 FPC ANT, HDP, 150mm, MHF4L, 617-5000MHz	 TE Part # 2081985-7 UMCC CA, GEN4-GEN4, 1.13CABLE, L720MM	 TE Part # 1-2081985-0 UMCC CA, GEN4-GEN4, 1.13CABLE, L50MM	 TE Part # 1-1513472-4 UAM ASSEMBLY 130MM CABLE W /MHF4L CONN
 TE Part # 1-2118907-3 PCB Ant. MHF4L, 250mm, Wi-Fi 6E Triple	 TE Part # 1-2108921-4 FPC Ant, MHF4L, 300mm, 617-7125MHz	 TE Part # 2195849-2 ISM 868 / 915 MHz ANTENNA	 TE Part # 2016695-1 RF CA, RP-SMA BULKHEAD TO UMCC IV, L50MM



TE Part # 2016694-6
RF CA,SMA BK TO UMCC GEN4,
WITH1.13,L300



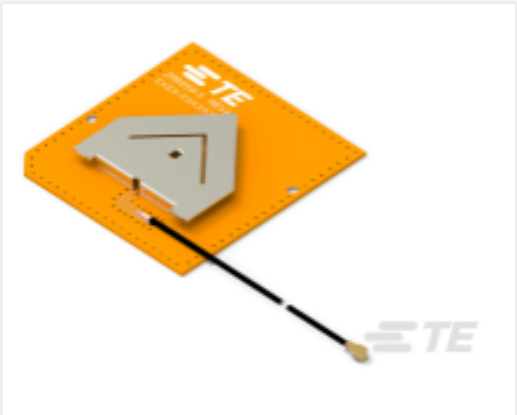
TE Part # 2016694-8
RF CA,SMA BULKHEAD TO UMCC IV,
L450MM



TE Part # 1-2372112-4
LTE ANTENNA COTS FPC ASSEMBLY
200MM



TE Part # 2118308-9
4G WORLD BAND, METASPAN, PCB
ANT, 350MM



TE Part # 2118899-3
WLAN Dual Band Antenna 2.4 / 5 GHz



TE Part # 2108858-5
PCB Ant, MHF4, 50mm, Wi-Fi 6E
TripleBand



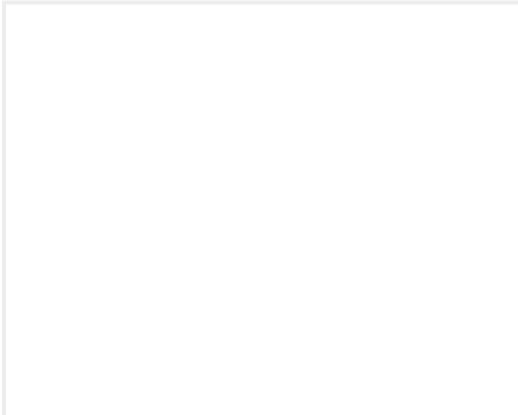
TE Part # 2118059-4
WIMAX SINGLE BAND PCB Ant



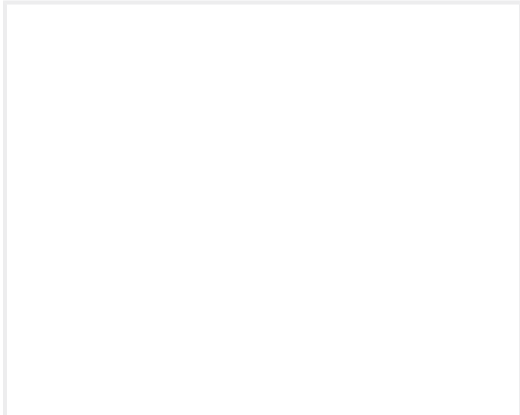
TE Part # 2016695-3
RF CA,RP-SMA BULKHEAD TO UMCC
IV,L150MM



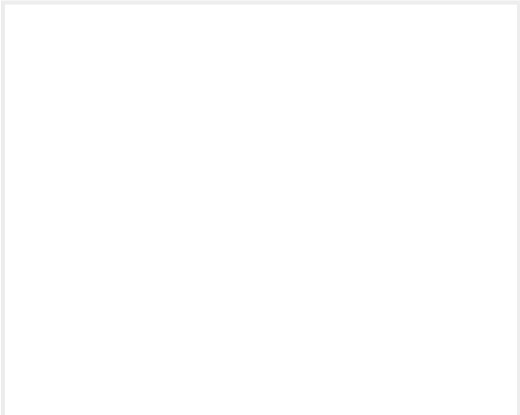
TE Part # 1-2361492-3
PCB Antenna,cable,MHF4L,698-
2700MHz



TE Part # 1-2081985-7
UMCC CA, GEN4-GEN4,1.13CABLE,
L400MM



TE Part # 2081985-4
UMCC CA, GEN4-GEN4,1.13CABLE,
L420MM

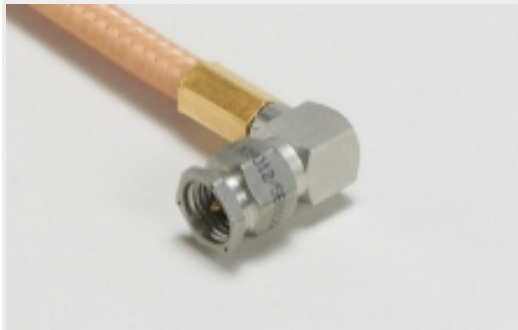


TE Part # 2081985-6
UMCC CA, GEN4-GEN4,1.13CABLE,
L620MM

Also in the Series | **UMCC**



Coax Connectors(3)



RF Cable Assemblies(7)

Customers Also Bought



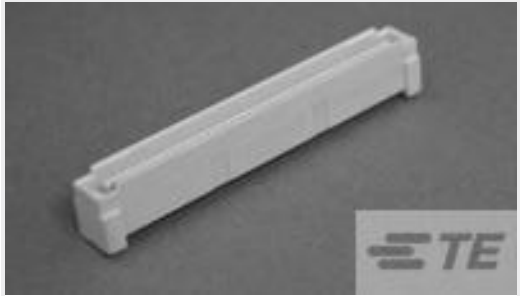
TE Part #1513164-1
MOLDED STAMPED ANTENNA



TE Part #1759546-1
0.8mm Mini PCI-Express 9.9 Height



TE Part #2118651-8
RF CA,UMCC GEN1-GEN1,1.13MM
CABLE,L200MM



TE Part #5179031-5
0.8FH,P08H.5,120,08/Sn,TU

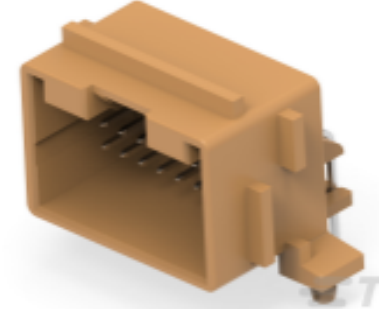




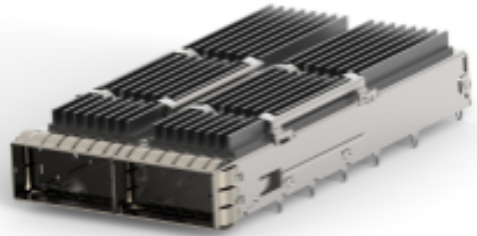
TE Part #1-2016698-5
UMCC CA, GEN4-GEN4,1.13,L460MM, BK



TE Part #1-2016698-0
UMCC CA, GEN4-GEN4,1.13,L45MM, BK



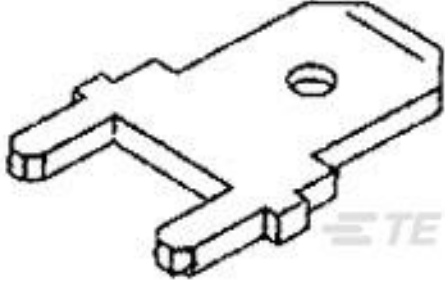
TE Part #966870-2
16POS,TAB0.63X0.63,HDR ASSY,90 DEG,COD A



TE Part #2342935-1
QSFP-DD 1X2, STANDARD, W/ EXTRUDED HS



TE Part #2102080-3
Socket, 60 p, 12 mm, TL, Mezalok



TE Part #63603-1
187 FASTON TAB TPBR

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

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

Product Specifications

Product Specification

English