

2337019-1 ✓ ACTIVE



UMCC

TE Internal #: 2337019-1

UMCC RF Interface, Receptacle, 50 Ω , Snap-On / Snap-Off, 0 – 6 GHz Operating Frequency, Cable-to-Board, 1 Position, Printed Circuit Board, UMCC

[View on TE.com >](#)

Connectors > RF Connectors > RF Plugs & Jacks



RF Interface: **UMCC**

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
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
----------------------------	--------



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
RF Connector Center Contact Material	Copper Alloy

Termination Features

Termination Method to Printed Circuit Board	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
---------------	-------

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]
-----------------------------	---------------------------

Operation/Application

Operating Frequency	0 – 6 GHz
---------------------	-----------

Packaging Features

Packaging Method	Reel & Box
------------------	------------

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 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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

 <p>TE Part # 2032440-1 C/A, UMCC TO SMA BHD JACK, 1.37 MM L200MM</p>	 <p>TE Part # 2015699-1 RF CA,UMCC GEN1-GEN1,0.81MM CABLE,L100MM</p>	 <p>TE Part # 2032439-1 RF CA,UMCC1 TO SMA PLUG,1.37 MM,L200MM</p>	 <p>TE Part # 2118706-4 1 PC STD SHIELD, AL-13.66X12.70X2.54MM</p>
 <p>TE Part # 1513472-1 UAM Assembly</p>	 <p>TE Part # 2016682-2 RF CA,UMCC1 TO SMA JACK,1.13MM, L100MM</p>	 <p>TE Part # 2016682-4 RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM</p>	 <p>TE Part # 2016693-2 RF CA,UMCC1 TO RPSMA JACK,1.13 MM,L100MM</p>




TE Part # 2016693-4
RF CA,UMCC1 TO RPSMA JACK,1.13MM,L200MM



TE Part # 2108792-1
FPC Ant, MHF, 114mm, Wi-Fi 6E Triple



TE Part # 2118308-8
4G WORLD BAND, METASPAN, PCB ANT, 290MM



TE Part # 2118651-6
RF CA,UMCC GEN1-GEN1,1.13MM,L90MM,GREY



TE Part # 2118710-2
1 PC STD SHIELD, CRS-38.10X25.40X6.00MM



TE Part # 2118907-1
PCB Ant, MHF, 115mm, Wi-Fi 6E Triple



TE Part # 2118909-1
PCB Ant, MHF, 115.8mm, Wi-Fi 6E Triple



TE Part # 2118909-2
PCB Ant, MHF, 268.8mm, Wi-Fi 6E Triple



TE Part # 2118909-8
PCB Ant, MHF, 60mm, Wi-Fi 6E Triple



TE Part # 2246667-1
DUAL BAND PUCK ANTENNA ASSY, 1.37 CABLE



TE Part # 2344654-2
WLAN DUAL BAND ANTENNA PCB V 100mm




TE Part # 2344654-3
WLAN DUAL BAND ANTENNA PCB V 150mm

Also in the Series | **UMCC**



RF Cable Assemblies(7)



RF Plugs & Jacks(3)

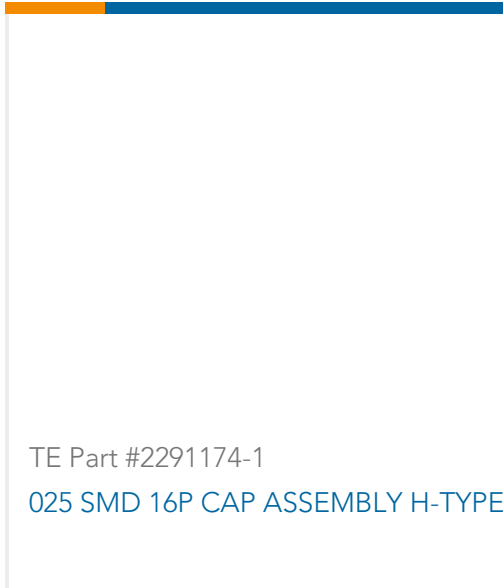
Customers Also Bought



TE Part #1879215-3
CPF 0402 4K22 0.1% 25PPM 1K RL



TE Part #1-1879353-8
RR02 5% 22K AMMO



TE Part #2291174-1
025 SMD 16P CAP ASSEMBLY H-TYPE



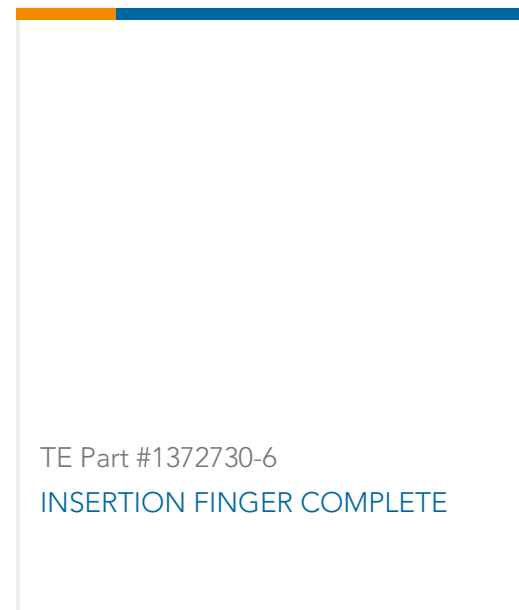
TE Part #2237067-3
24POS,TAB0.64X0.64,HDR ASSY,90 DEG,SMD



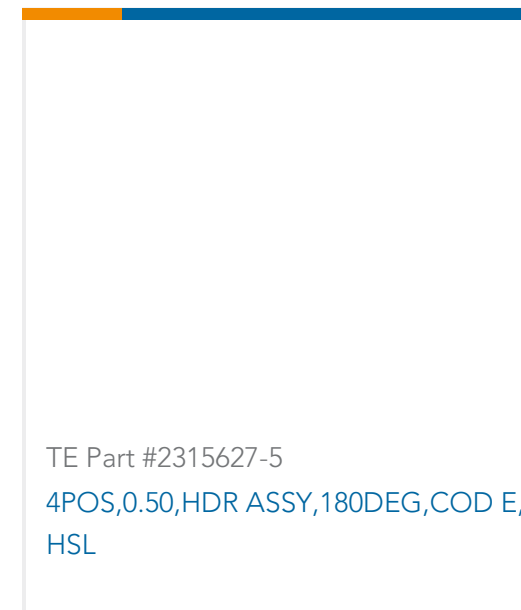
TE Part #2237067-4
24POS, TAB0.64X0.64, HDR ASSY, 90
DEG, SMD



TE Part #2291173-1
025 SMD 12P CAP ASSEMBLY H-TYPE



TE Part #1372730-6
INSERTION FINGER COMPLETE



TE Part #2315627-5
4POS, 0.50, HDR ASSY, 180DEG, COD E,
HSL



TE Part #8-1372314-5
FLAT BELT 12X1250MM

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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

