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2195892-1 ✔ ACTIVE

TE Internal #: 2195892-1

Terminal/Duck Antenna, Single Band, ISM, External Mount, Panel Mount, SMA, Omnidirectional, < 0 dBi Peak Gain

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Antennas



Antenna Type: **Terminal/Duck**

Band Type: **Single Band**

Primary Application: **ISM**

Wireless Application: **ISM**

Mounting Location: **External**

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Enclosure
Antenna Type	Terminal/Duck
Band Type	Single Band
Mounting Location	External

Electrical Characteristics

Impedance	50 Ω
Antenna Operation	Passive
VSWR (Max)	<3:1

Signal Characteristics

Frequency Band	423 – 443 MHz
Frequency Category	350 – 520
Peak Gain	< 0 dBi

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Body Features

Product Weight	6.5 g[.23 oz]

Mechanical Attachment

Polarization	Vertical Linear
Mounting Type	Panel Mount

Dimensions

Product Width	7.8 mm[.307 in]
Product Length	47 mm[1.85 in]
Product Height	7.8 mm[.307 in]

Operation/Application

Antenna Environment	Indoor
Wireless Standard	433 ISM
Directionality	Omnidirectional

Industry Standards

Primary Application	ISM
Wireless Application	ISM

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Bag & Box

Other

Precision Level	Standard

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC

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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

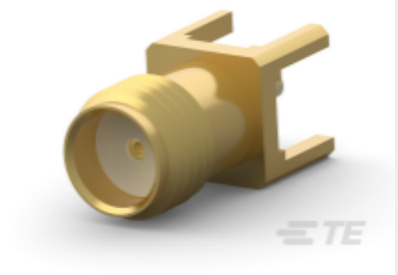
Product Compliance Disclaimer

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

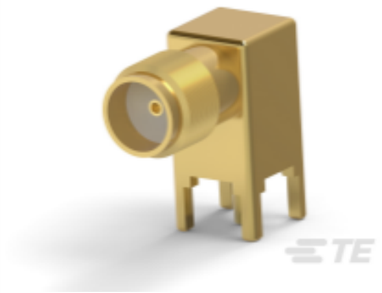
Compatible Parts



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



TE Part # 5-1814832-2
SMA Str PCB Skt GZD



TE Part # 5-1814400-2
SMA R/A PCB Skt GZD



TE Part # 2410331-2
CA,UMCC4 TO SMA JACK WP,0.81 MM,L100MM



TE Part # 2016682-7
RF CA,SMA BK TO UMCC GEN1,1.13, L350MM



TE Part # 1-2016682-0
RF CA,SMA BK TO UMCC GEN1,1.13, L1000MM



TE Part # 1-2016682-1
RF CA,SMA BK TO UMCC GEN1,1.13, L254MM

TE Part # 2468121-1
SMA STR PCB SKT GZD



TE Part # 2016682-9
RF CA,SMA BK TO UMCC GEN1,1.13, L750MM



TE Part # 2016682-4
RF CA,UMCC1 TO SMA JACK,1.13MM, L200MM



TE Part # 2032440-3
C/A, UMCC TO SMA BHD JACK, 1.3



TE Part # 2016682-8
RF CA,SMA BK TO UMCC GEN1,1.13, L500MM

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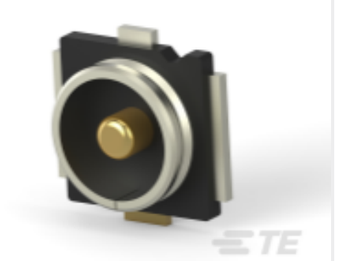
TE Part # 2404600-3
RF CA,UMCC1 TO SMA JACK-WP,1.13 MM,L150MM



TE Part # 2016682-3
RF CA,SMA BK TO UMCC GEN1,1.13, L150MM



TE Part # 2032440-4
C/A, UMCC TO SMA BHD JACK, 1.3



TE Part # 2334884-1
UMCC Micro-Coax receptacle, Gen 4



TE Part # 2016682-6
RF CA,SMA BK TO UMCC GEN1,1.13, L300MM



TE Part # 2016682-5
RF CA,SMA BK TO UMCC GEN1,1.13, L250MM



TE Part # 2410331-4
CA,UMCC4 TO SMA JACK WP,0.81 MM,L200MM

TE Part # 2468122-1
SMA RA PCB SKT G2D

Customers Also Bought



TE Part #1-1703543-0
2POS,TAB 2.8X0.8,TAB HSG,ASSY



TE Part #CAT-R21-73106549
Bulbous Heat Shrink Boots: Lipped, Right Angle



TE Part #154717-6
PL 250 REC TERMINAL 14-11 AWG PTPB

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2195892-1_1.2d_dxf.zip
English

Customer View Model
ENG_CVM_CVM_2195892-1_1.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_2195892-1_1.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

External Ant,. SMA, 423-443MHz
English

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Product Specifications

Product specification for external Antenna applied

English

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