

2195892-1 ✓ ACTIVE

TE Internal #: 2195892-1

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

[View on TE.com >](#)



Antennas



Antenna Type: **Terminal/Duck**

Band Type: **Single Band**

Primary Application: **ISM**

Wireless Application: **ISM**

Mounting Location: **External**

Features

Body Features

Product Weight	6.5 g[.23 oz]
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Dimensions

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

Applicable Region	Global
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Electrical Characteristics

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

Packaging Method	Bag & Box
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Other



Precision Level	Standard
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Signal Characteristics

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

Operation/Application

Antenna Environment	Indoor
Wireless Standard	433 ISM
Directionality	Omnidirectional

Mechanical Attachment

Polarization	Vertical Linear
Mounting Type	Panel Mount

Configuration Features

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

Industry Standards

Primary Application	ISM
Wireless Application	ISM

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

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

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



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




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



TE Part # 2016682-1
RF CA,SMA BK TO UMCC GEN1,1.13, L50MM



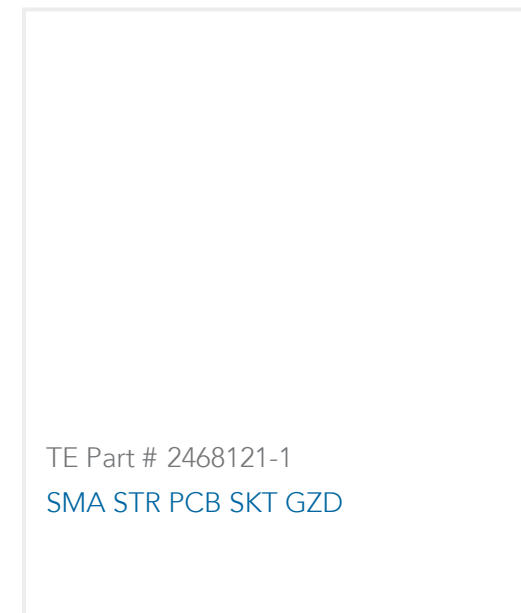
TE Part # 2016682-5
RF CA,SMA BK TO UMCC GEN1,1.13, L250MM



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



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



Customers Also Bought



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

Product Specifications

[Product specification for external Antenna applied](#)

English