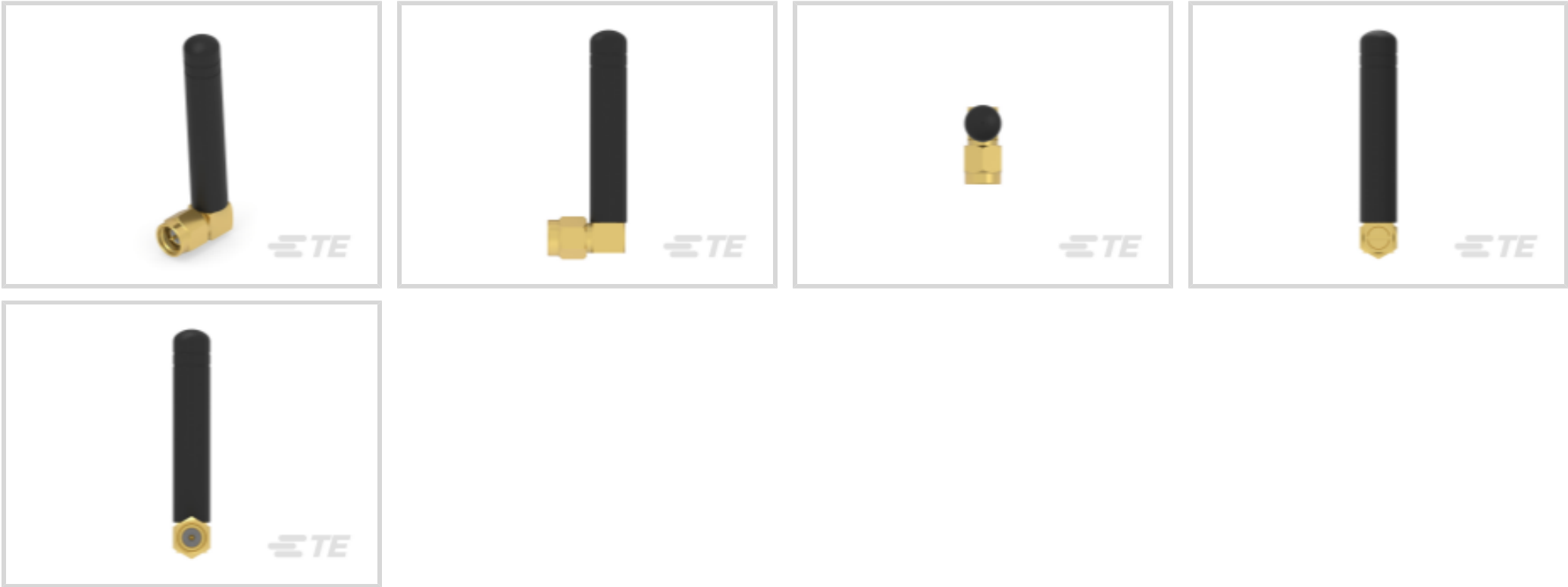




Antennas



Mounting Location: External

Mounting Type: Connector Mount

Antenna Type: Whip

Antenna Termination: SMA

Directionality: Omnidirectional

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Whip
Mounting Location	External
Antenna Type	Whip
Band Type	Dual Band
Port Configuration	Single Port

Electrical Characteristics

Impedance	50 Ω
VSWR (Max)	< 2.0:1

Signal Characteristics

Frequency Band	865 – 960 MHz
----------------	---------------

Body Features

Antenna Weight	13.09 g
----------------	---------



Mechanical Attachment

Mounting Type	Connector Mount
---------------	-----------------

Operation/Application

Directionality	Omnidirectional
----------------	-----------------

Packaging Features

Packaging Method	Bag & Box
------------------	-----------

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3.82% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.



Compatible Parts



TE Part # CONSMA002-L-G
SMA Jack 50 Ohm PCB Through Hole



TE Part # CONSMA008-G
SMA Jack 50 Ohm Through Hole PCB



TE Part # CONSMA002-SMD-G
SMA Jack 50 Ohm PCB Surface Mount



TE Part # CONSMA001
SMA Jack 50 Ohm PCB Through Hole

Customers Also Bought



TE Part # L001035-01
Antenna 868/915 LPWA SMA GOLD



TE Part # 5-103080-2
04 MODII HDR SRST SHRD .100CL



TE Part # 5-103080-5
07 MODII HDR SRST SHRD .100CL



TE Part # 6-103635-7
18 MTE HDR SRRA LTCH.100CL LF



TE Part # 5-103945-3
4X4 MTE SHRD PIN SR LATCH .100



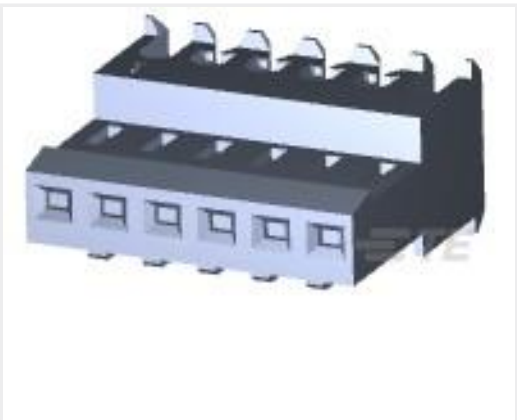
TE Part # 5-146250-2
04 MODII HDR DRST B/A .100CL



TE Part # 5-146250-3
06 MODII HDR DRST B/A .100CL



TE Part # 5-147279-3
14 MODII HDR DR SFMT B/A T&R LF



TE Part # 3-641311-6
06 CIR MTA-100 ASSY TAPE LF



TE Part # 3-644615-2
02P MTA156 POL HDR ASSY LF

Documents

Product Drawings

Antenna RA 868/915 LPWA SMA GOLD

English

CAD Files

Customer View Model

ENG_CVM_CVM_L001095-01_1.2d_dxf.zip

English



Customer View Model

[ENG_CVM_CVM_L001095-01_1.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_L001095-01_1.3d_igs.zip](#)

English

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

Datasheets & Catalog Pages

[Antenna RA 868/915 LPWA SMA GOLD](#)

English