0600-00029 ✔ ACTIVE

TE Internal #: 0600-00029

Terminal/Duck Antenna, Single Band, ISM, External Mount, Connector, SMA, Omnidirectional, Single Port, Gain 0 < 3 dBi

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Antennas



Wireless Application: **LoRaWAN**

Mounting Location: **External**

Mounting Type: **Connector**

Frequency Category: **902 – 930**

Antenna Type: **Terminal/Duck**

Features

Product Type Features

Antenna Termination	SMA
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Dipole
Mounting Location	External
Antenna Type	Terminal/Duck
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

Antenna Operation	Passive
VSWR (Max)	<2.5:1
Impedance	50 Ω

Signal Characteristics

Gain (Max)	1 dB
Frequency Band	902 – 928 MHz
Frequency Category	902 – 930
Peak Gain	0 < 3 dBi

Mechanical Attachment

Mounting Type	Connector

Dimensions

Product Diameter	12.5 mm[.49 in]
Product Height	173.5 mm[6.8 in]

Operation/Application

Antenna Environment	Outdoor
Wireless Standard	915 ISM & ZigBee US
Directionality	Omnidirectional

Industry Standards

Wireless Application	LoRaWAN
Primary Application	ISM

Product Availability

Applicable Region	Global

Packaging Features

Packaging Method	Bag

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (2.82% 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, I < 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 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

Customers Also Bought



TE Part #3-5177986-1
0.8FH,P08H.5,040,08/Sn,TR,SC



TE Part #1-534998-0
20 MODIV VRT DR CE 100/125



TE Part #GA30K5A1IB
DISCRETE 30K OHMS,+/-0.2C FROM 0C TO 70C



TE Part #L9000023-01
Antenna 1/2 Wave Whip 2.4GHz RPS



TE Part #ANT-868-CW-QW
Antenna 1/4 Wave Whip 868MHz



TE Part #B8965C
WHIP,MC,CC,896-970MHz TUN,5,CH, GP,

TE Part #G8XTI
MOUNT,MGM,3/4,8X,TNCM

TE Part #GA30K5A416I
DISC- 30K 25'C +- 0.1'C

Documents

Datasheets & Catalog Pages

915 MHz Dipole Antenna 902-928 MHz

English

Agency Approvals

UK Declaration of Conformity

English