ANT-868-VHETH ✔ ACTIVE

TE Internal #: ANT-868-VHETH

Helical Antenna, Single Band, LPWAN / LoRaWAN, Internal /Embedded Mount, Through-Hole/Tab Mount, Solder, Omnidirectional, Single Port, Gain < 0 dBi

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Antennas

Wireless Application: **LoRaWAN, LPWAN, Wi-Fi**

Mounting Location: **Internal/Embedded**

Mounting Type: **Through-Hole/Tab Mount**

Frequency Category: **862 – 870**

Antenna Type: **Helical**

Features

Product Type Features

Antenna Termination	Solder
Antenna Product Type	Antenna

Configuration Features

Antenna Style	Helical
Mounting Location	Internal/Embedded
Antenna Type	Helical
Band Type	Single Band
Port Configuration	Single Port

Electrical Characteristics

VSWR (Max)	<2.7:1
Impedance	50 Ω

Signal Characteristics

Frequency Band	868 MHz
Frequency Category	862 – 870
Peak Gain	< 0 dBi

Body Features

Product Weight	.4 g[.0141 oz]

Mechanical Attachment

Polarization	Linear
Mounting Type	Through-Hole/Tab Mount

Dimensions

Product Width	7 mm[.28 in]
Product Length	44.3 mm[1.74 in]
Product Height	7 mm[.28 in]

Operation/Application

Directionality	Omnidirectional

Industry Standards

Wireless Application	LoRaWAN, LPWAN, Wi-Fi
Primary Application	LoRaWAN, LPWAN

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	Not Yet Reviewed
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) Not Yet Reviewed
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

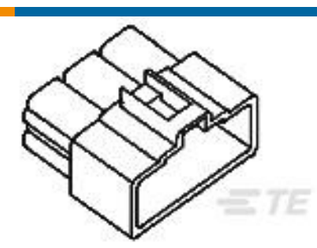
product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Customers Also Bought

TE Part #1393258-4
V23047-A1012-A501

TE Part #2-1415898-5
RTS3LF12

TE Part #DT8S-BT
BOOT, 8P, PLG, ST, GRY



TE Part #172133-1
FF 250 CAP HSG 4P NYLON NAT

TE Part #6-534206-4
28 MODII VRT DR CE 100/115

TE Part #ANT-868-HETH
Antenna 1/4 Wave Coil 868MHz THM

TE Part #2118059-1
WIMAX SINGLE BAND PCB Antenna

TE Part #1478769-5
ANTI-VIB NYLON GLD 25MM BLK

Documents

Product Drawings

Antenna Vert Coil 868MHz Base THM

English

Datasheets & Catalog Pages

Linx RF Module Identification guide

English

868 MHz Helical Antenna

English