

# 4T1606 Antenna Specification

Manufacturer: Shenzhen Zhenhao Microelectronics Co., Ltd

## I. Overview

The 4T1606 antenna is a 433.92MHz radio - frequency antenna applicable to our company's transmitting and receiving chips and modules, etc. It features good performance and low cost.

## II. Parameters

Antenna material: Alloy - coated wire

Frequency range: 315 - 433MHz

Voltage Standing Wave Ratio (VSWR): 1.5

Input impedance: 50  $\Omega$

Antenna gain: 2dBi

Antenna length: 16mm  $\pm$  1mm

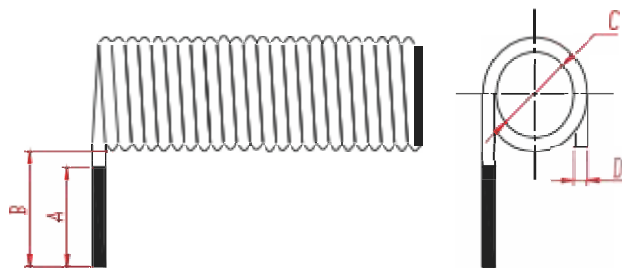
Antenna polarization: Vertical polarization

Temperature: The maximum temperature of the wire - skin plastic is 120°C.



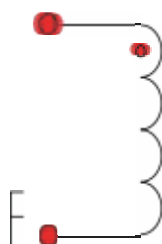
## III. Dimensional Specifications.

### 1. Planar appearance diagram



### 2. Dense coils\*Side2

### 2. Electrical schematic diagram



Size 25mm\*5mm

A	3.0mm	B	$8.0 \pm 0.2\text{mm}$	C	$4.0 \pm 0.2\text{mm}$
D	1.0mm	E		F	

### Manufacturing process

Process	Start/End	Enamelled wire specification	Number of turns	Color
N1		QA0.5	Wind in a clockwise and tight manner	Black
N2				