

Dongguan Junjia Technology Co., Ltd

Specification Sheet

customer : Shenzhen Yingbo Weiye Technology Co., Ltd

Product Name : 433 spring antenna

Part number :

Customer part number : 102.06.00291

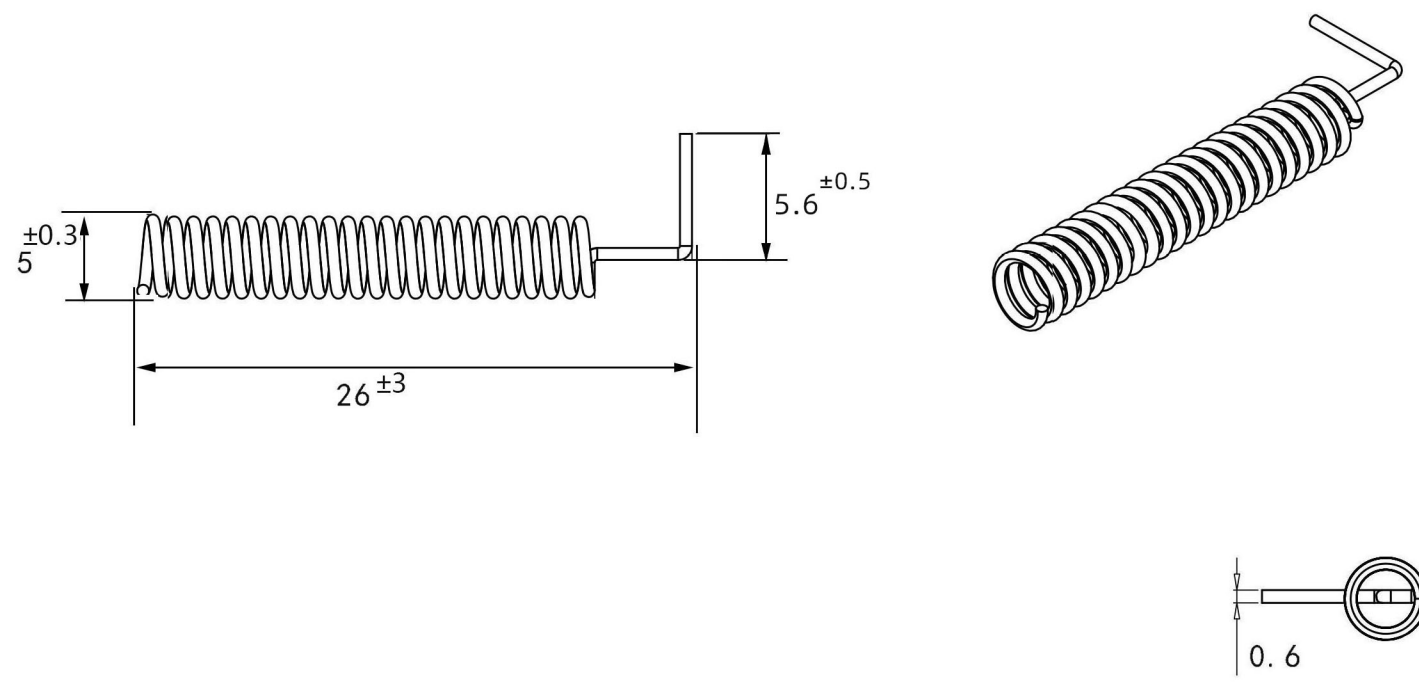
Sample delivery date :

customer confirmation			Supplier confirmation	
Engineering Department	quality assurance department	Purchasing Department	approval	Sample submitter
			Zhou Jiajia	Sun Qingfei

address: 301, No. 25, Shatou East Xin Yi Street, Chang'an Town, Dongguan City, Guangdong Province, China

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Technical requirements for 433 spring antenna

material	Carbon steel	Wire diameter	0.6 mm±0.05
Rotation direction	Right rotation		

Dongguan Junjia Technology Co., Ltd

Part name	433 spring antenna	product name	433 spring antenna
Part number	102.06.00291	Product part number	102.06.00291
Scalingratio	NONE	Unitvector	mm

Specification

A. Electrical Characteristics

S.W.R.(Tested in PC)	$\leq 2.0 @ 433.92\text{MHz}$
Typical Antenna Gain	$+2.0 \pm 0.7 @ 433.92\text{ MHz}$
Impedance	50 Ohm

B. Material

Material of Radiator	CU
Connector Type	N/A

C. Environmental

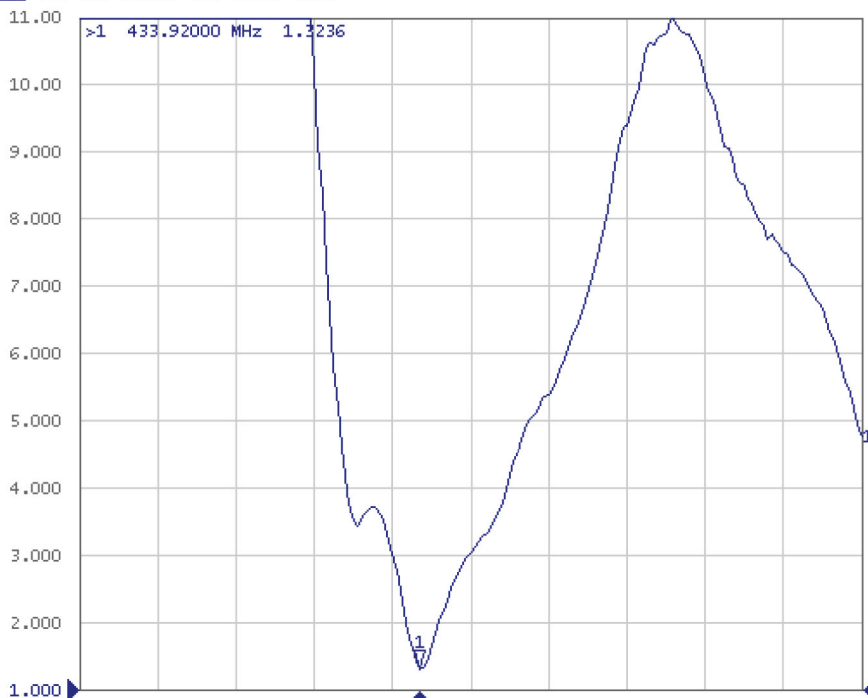
Operation Temperature	$-30\text{ }^{\circ}\text{C} \sim +85\text{ }^{\circ}\text{C}$
Storage Temperature	$-30\text{ }^{\circ}\text{C} \sim +85\text{ }^{\circ}\text{C}$

S.W.R. Testing Result

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

► Tr1 S11 SWR 1.000/ Ref 1.000 [F1]

>1 433.92000 MHz 1.3236



System

Print

Abort Printing

Printer Setup...

Invert Image

ON

Dump
Screen Image...

Multiport Test Set
Setup

Misc Setup

Backlight

ON

Firmware
Revision

1 Start 300 kHz

IFBW 70 kHz

Stop 1 GHz

Cor

Antenna Radiation Pattern

Testing Equipment Specification:

Antenna Anechoic Chamber Dimension: 8 x 4 x 4 m

Quiet Zone: 600mm @1 GHz

Isolation: >100dB @ 1 MHz ~ 10 GHz

Testing Equipment: Agilent 5071B

Received Antenna: 0.7 ~ 6.0 GHz for Gain Calibration

Double Ridged Horn Antenna

