



東莞市亨松電子科技有限公司

Dongguan Hengxin Electronic Technology Co., Ltd.

承認書

客 戶:

品 名:

433Mhz Antenna

料 號:

HX-B929A

客戶料號:

送樣日期:

2025.04.08

客戶確認			供應廠商	
工程部	品保部	採購部	核准	送樣人
			趙 2025.04.08 守 剛	龚银明

地址：東莞市沙田鎮楊公洲楊和路75號/Yanghe Road, Yanggongzhou, Shatian Town, Dongguan City, No.75

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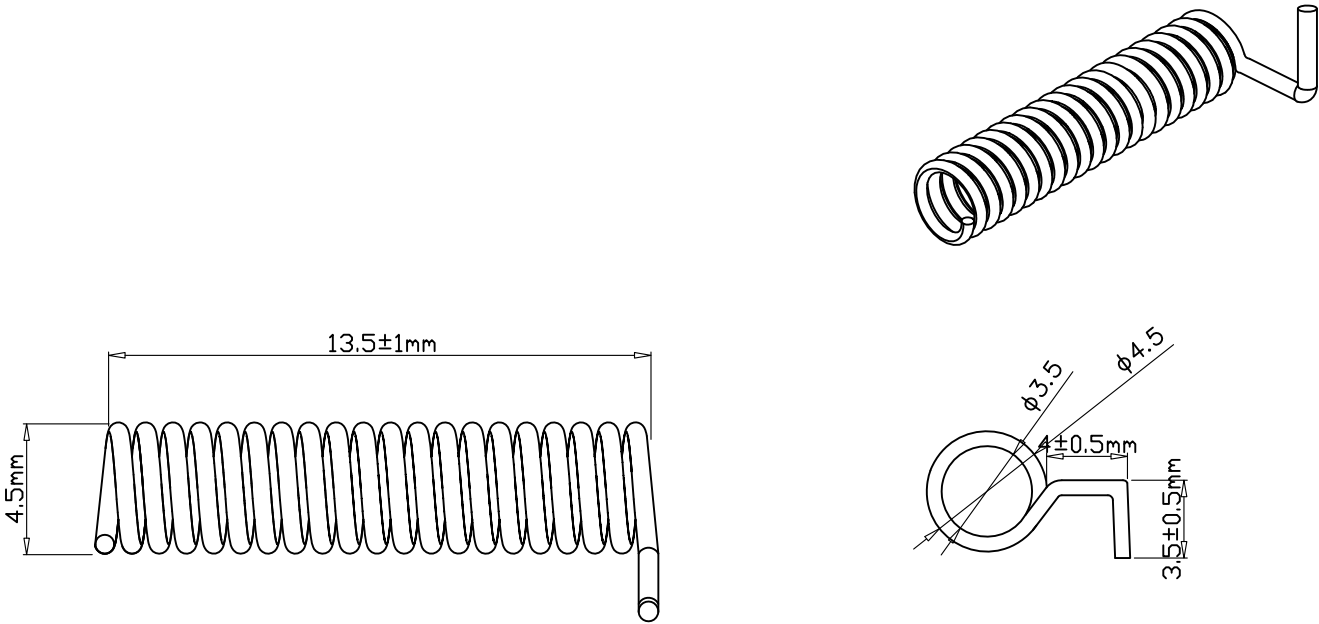
E-mail:nogps@nogps.com

Http://www.nogps.com

We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.

RoHS
Compatible

序号	日期	原因	确认人
B			
C			
D			



弹簧技术要求 公差: 0.5-1mm

弹簧材料	磷铜	线径	0.5mm
旋转方向	/	旋转有效圈数	21T
出脚方式	单边	孔距	/
弹簧上部尺寸			
弹簧下部尺寸			
弹簧高度			

东莞市亨松电子科技有限公司

PART NAME: 433MHZ弹簧天线			
PART NO.: HX-B929A			DATE: 2025-03-12
APPROVED BY	CHECKED BY	DESIGNED BY	⊗
	赵	卓婧婷	UNITS: mm
	2025.03.12		SCALE: 1/1
	守刚		REVISION: A
			Tolerance X.X ±0.50
			X.XX ±0.15
			X° ±3°

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1. Reliability Testing

Test Item	Procedure	Requirement
1. Visual inspection and Dimension Check	Applicable methods using x5 magnification	follow specification
2. Rapid Changing of Temperature	-40°C (30minutes) to 80°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. bandwidth tolerance < ±5%
3. Damp Heat	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1. no visible damage 2. bandwidth tolerance < ±5%
4. Endurance	24 hours at 80°C	After 2 hours recovery: 1. no visible damage 2. bandwidth tolerance < ±5%
5. Connector Pull Strength Test	>= 1.0 Kg	Hold 2~3S: 1. no visible damage 2. bandwidth tolerance < ±5%

2. Specification

A. Electrical Characteristics	
S.W.R.(Tested in PC)	≤ 2.0 @ 433Hz
Typical Antenna Gain	-12.69 dBi
Impedance	50 Ohm
B. Material	
Material of Radiator	CU
Connector Type	N/A
C. Environmental	
Operation Temperature	- 30 °C ~ + 85 °C
Storage Temperature	- 30 °C ~ + 85 °C

3. S.W.R. Testing Result

