

产 品 规 格 书
(SPECIFICATION)



日期/DATE: 2023/03/14
编号/NUMBER:
版本/VERSION: A1

客户名称

CUSTOMER: 宁波市埃美仪表制造有限公司
/Ningbo Aimei Meter Manufacture Co.,LTD.

晟天编号:

PART MODEL: HZ8890AM

频率:

FREQUENCY: 923MHz

产品名称:

PRODUCTNAME : 弹簧天线/Spring Antenna

晟天承认 APPROVAL OF SUPPLIER		
编制 DEAWN BY	审核 CHECKED BY	核准 APPROVED BY
黄浩/Huang Hao	林国富/Lin Guofu	肖大田/Xiao Datian

客户承认 APPROVE BY CUSTOMER	

变更履历
Vision History

NO	版本 Version	变更日期 Issue Date	变更内容概述 Remarks	变更原因 Version Reason
1	A1	2023.03.14	首次发行 Initial Release	-----

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1. 测试设备/Test Equipment

E5071C网络分析仪 E5071C Network Analyzer



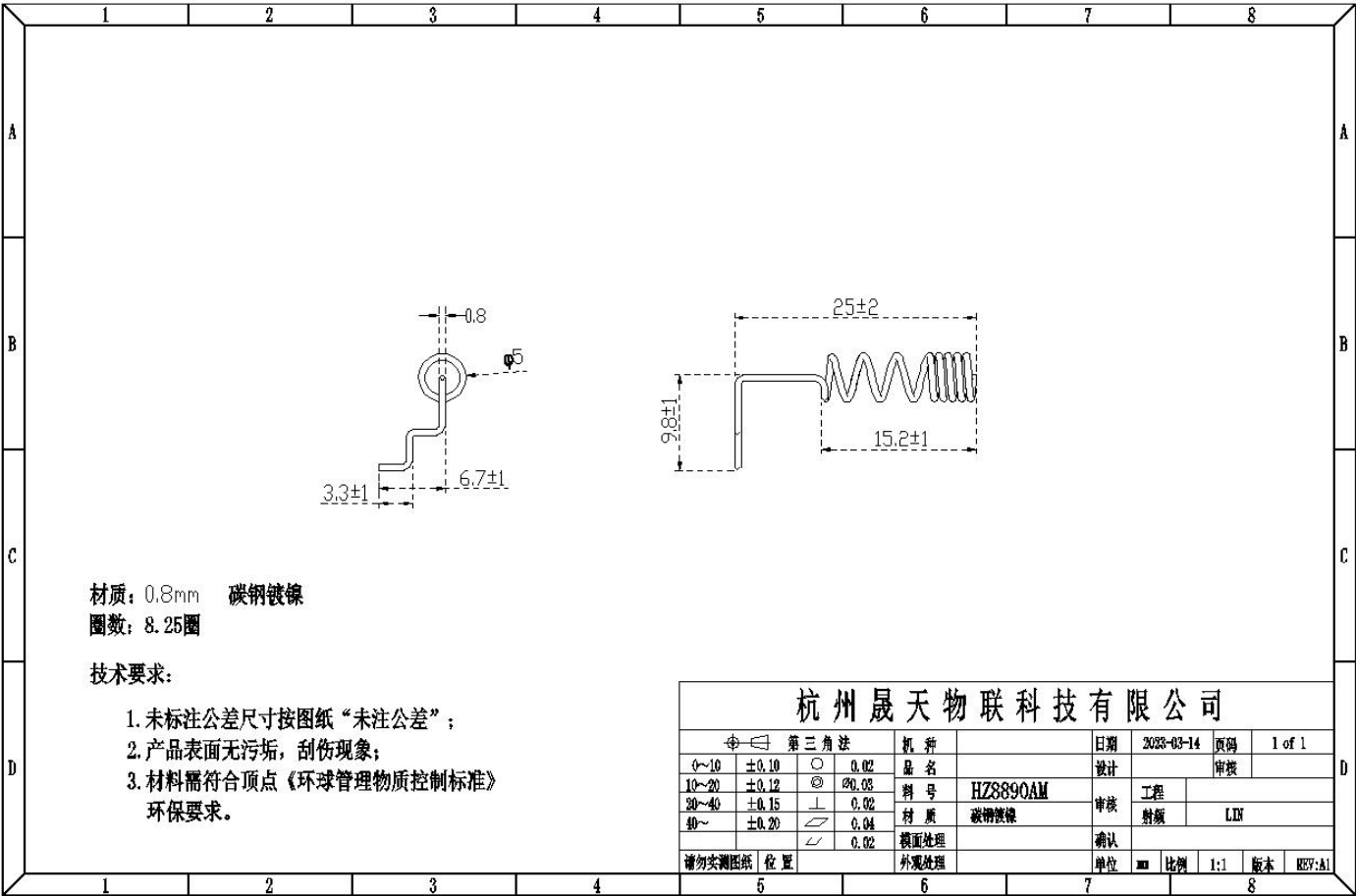
7*4*3M微波暗室 7*4*3M Microwave Unreflected Chamber



2. 概述/General

2.1 外观规格/Technical Data

型号 Model	HZ8890AM	类型 Type	弹簧天线 Spring Antenna
外型尺寸 (mm) Dimension	0.8*5*8.25N*25L	固定方式 Fixing method	焊接 Welding
频段 Frequency	923MHz	连接器型号 Connector Model	/
		电缆 (线长可指定) Cable (Customization)	/



2.2 工作条件/Operating Condition

温度 Temperature: -40℃~+85℃

湿度 Humidity: 95%~100%

2.3 储藏条件/Storing Condition

温度 Temperature: -40℃~+85℃

湿度 Humidity: 40%~95%

2.4 环境试验/Environmental Test

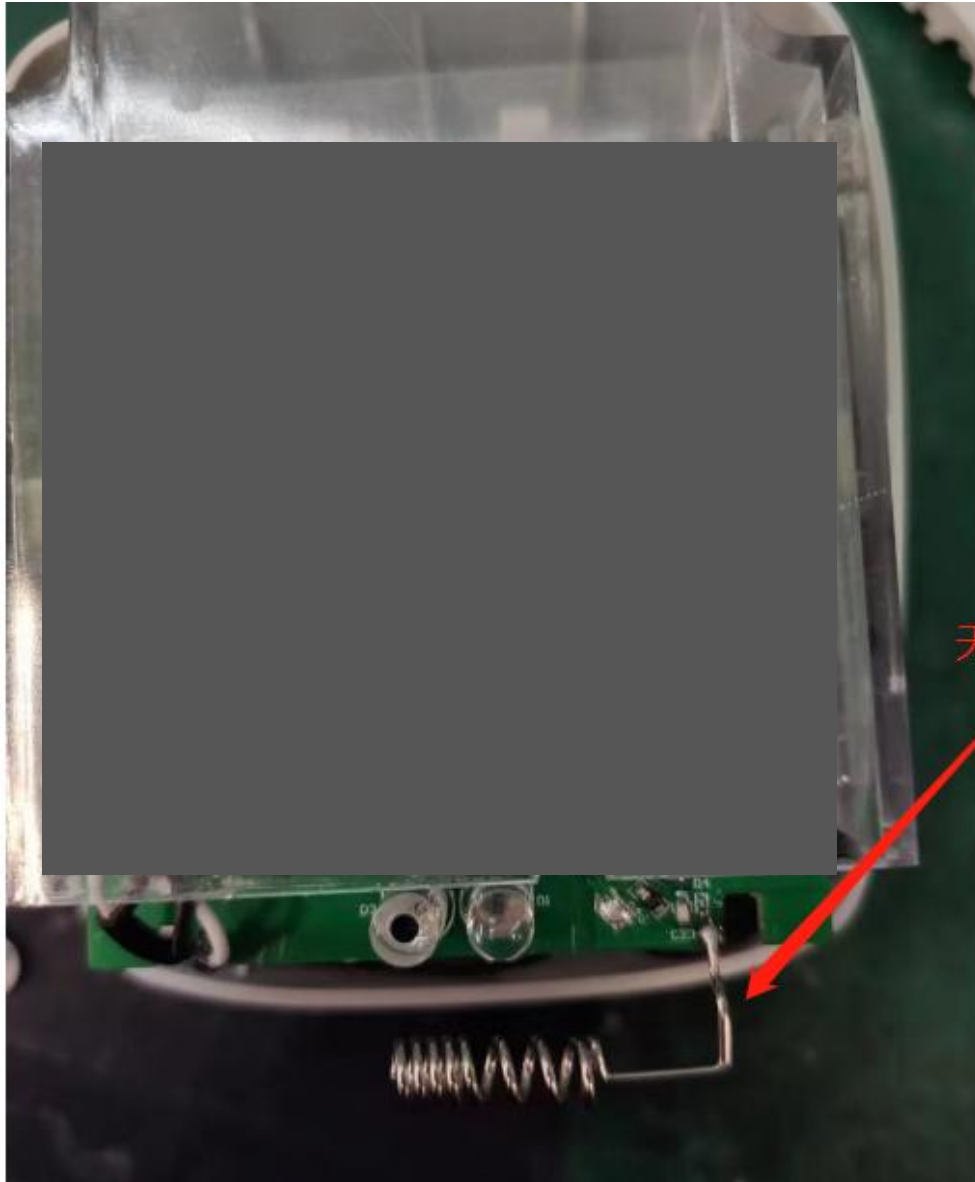
①高温测试: 在温度 80℃ 的干燥箱中放置 48 小时, 经检查外形无变形, 烘干后在常温中放置 24 小时后无氧化现象。

①High Temperature Test: Put the product in the drying oven which at the temperature of 80℃ for 48 hours, no deformation in shape. After drying, put the product at the room temperature for 24 hours, no oxidation.

②低温测试: 在温度-40℃的冰柜中放置 48 小时, 外形无变形, 在常温中恢复后无氧化生锈现象。

②Low Temperature Test: Put the product in the freezer at the temperature -40℃ for 48 hours, no deformation in shape, no oxidation and rust after recovery in room temperature.

3. 实物图片/Product Picture



天线位置
Antenna
Location

4. 射频性能/RF Performance

天线S11及其测试效率
Antenna S11 and test efficiency



Freq (MHz)	Effi (%)	Gain (dBi)
880	20.99	-3.19
890	25.29	-2.34
900	27.33	-1.97
910	31.51	-1.27
920	32.39	-1.11
930	30.21	-1.43
940	28.3	-1.74
950	23.44	-2.57
960	20.47	-3.18

2/3D图片 2/3D picture

