

Electronic connection line specification

型号: 2.4G天线(白)

Model: 2.4G antenna (white)

Date: 2024-6-25

1 电线内部材料The wire internal material

main material	range of application	remark
Clear PVC-adhesive material	It is used outside the wire	
copper wire	Lead conductor copper diameter0.08	
tin	The wire is peeled and tin	

2 product property

规格及尺寸Specifications and dimensions

Product name	scope of application	wire length	Wire color	extrinsic feature
2.4G antenna (white)	Circuit board wire	40MM	white (colour)	The surface has no damage, scratches, oil pollution and other defects

3 电线性能Wire performance

NO.	item	standard
1	pressurization	60V
2	Current resistance	1200MA
3	contact resistance	30mΩMAX
4	insulation resistance	1000mΩMIX
5	pulling	0.5kg
6	temperature resistance	80 Degrees

4 可靠性测试 Reliability test

NO.	item	standard	test method
1	Excluding 16P and ROHS	The 16 components were less than 0.1%	Third-party authoritative testing agency

5 保质期

出厂后6 个月

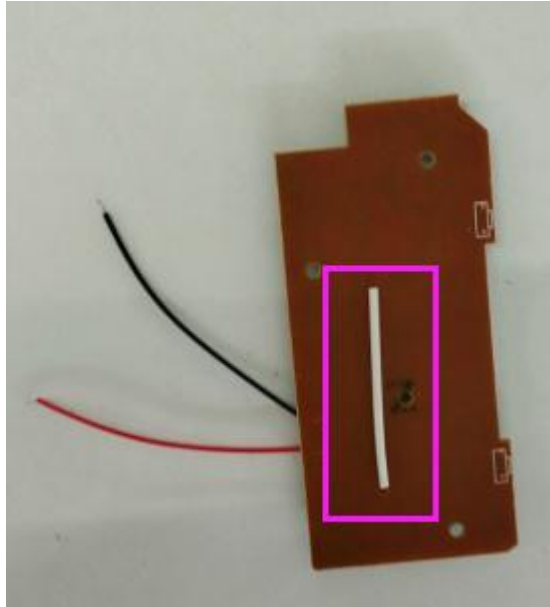
5 The shelf life 6 months after the delivery

6 使用注意事项

注意：温度不能超过80℃上使用，电流不能高于1.2A以上使用。

6 Notes for use Note: The temperature should not exceed 80°C, and the current should not be above 1.2A.

7图示意图



备注：2.4G天线规格为17芯外径1.66MM裸铜丝导线，白色，长度为40MM,线头剥皮3.6MM上锡。

Note: 2.4G antenna specification is 17 core outer diameter 1.66MM bare copper wire wire, white, length is 40MM, wire head peeling 3.6MM upper tin.

8附录

Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <3.0

Efficiency >30%

Impedance

50 Ohm Polarization

Line

Gain 0.17DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.019P^{white}

Connector Type: NO

Dimension

C. Environmental

Operation Temperature - 30 °C ~

+80 °C Storage Temperature - 30 °C ~

+85 °C

Test Equipment & Conditions

1. Network Analyzers:

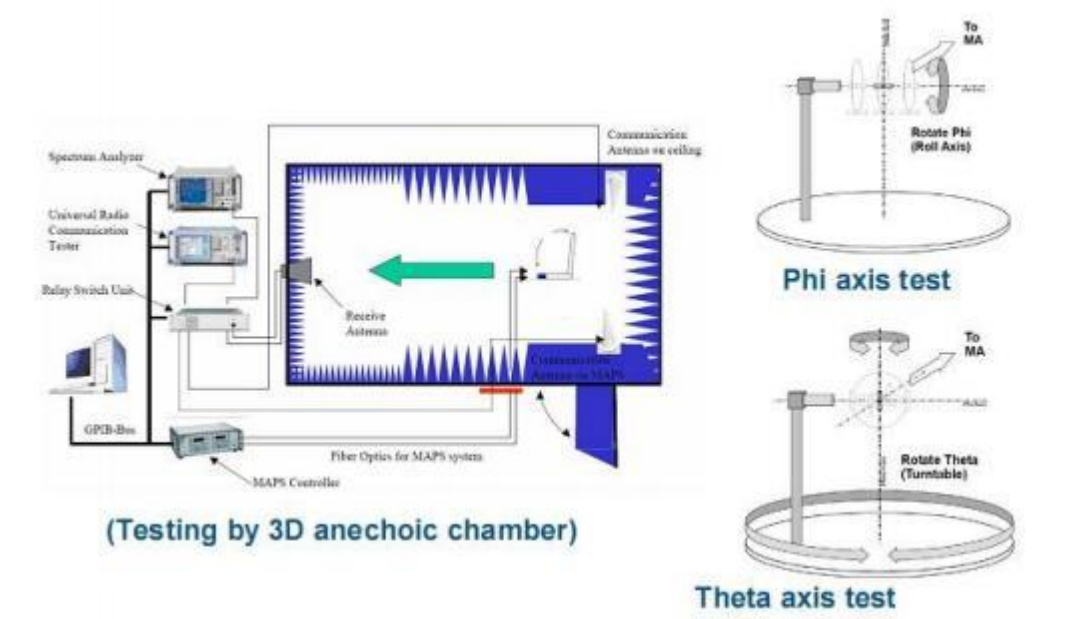
Agilent 8753D5071B

2. Communications

Test Set: Agilent E5515C

3. 3D Chamber Test System

Efficiency& Gain



Efficiency& Gain

2.40	-0.00
2.440	-0.11
2.48	-0.13

Radiation Pattern:

