

产品规格承认书

Specification For Approval

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Revision

承认厂商: 深圳市通文达电子有限公司

Manufacturer

制造厂商: 广州市高科中实通信技术有限公司

Manufacturer

物料编码: A0708-WIFI

Material Number

产品名称: WIFI 内置天线

Production Name

产品型号: GKZS-WIFI-FPC2514-1.13-108

Production Number

厂商实核:

Approved By

广州市高科中实通信技术有限公司

Guang Zhou Shi Gao Ke Zhong Shi Telecommunication Technology Co.,Ltd

地址:中国广东省广州市天河区龙洞迎龙路 163 号大院龙洞第一工业区 C 栋

Add: Ying-Lung Road, No. 163 Longdong compound Longdong first industrial zone
C-dong, Guangzhou, P.R.China

Tel: 020-87080630/87080639/87080632

Fax: 020-87080731

<http://www.gkzs.com.cn>

一、WIFI 天线图片： antenna picture



二、WIFI 天线特点： Antenna characteristics

- 外观精美 Attractive appearance
- 体积小 small size
- 全天候工作 operate in all weather conditions
- 低驻波、抗干扰 Low VSWR Anti-jamming

三、WIFI 天线的应用： The application of the wifi antenna

各种移动设备：如手机、笔记本电脑、上网本等。

Kinds of mobile devices: mobile computer laptop and so on

四、WIFI 天线性能参数： Performance parameters of the Wifi antenna

电性能指标 Electrical performance		机械性能 Mechanical behavior	
产品名称: product name	WIFI 天线 antenna	尺寸: size	25×14mm
频率范围: Frequency Range	2400-2483MHz	天线材质: Antenna Material	FPC
输入阻抗: Input impedance	50Ω	连接头: Connector	无 no
驻波比: VSWR (Voltage Standing Wave Ratio)	≤2	连接线: connect cable	1.13 线
增益: Gain	3	总长: length	108mm
极化方式: polarization mode	垂直 vertical		
方向性: directivity	全向 omnibearing		

五、RF-1.13 线材的规格

1. SCOPE:

This specification covers FEP insulated High-Frequency coaxial cable for internal wiring of electronic equipment.

[UL STYLE 1354 80°C/30V]

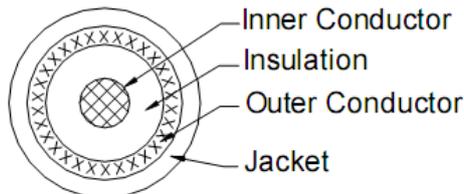
USE: Internal wiring of Class 2 Circuits of Electronic Equipment.

2. Construction :

Item	Unit	Spec. Value
Inner Conductor	Material	--- Silver plated copper
	construction	No./mm 7/0.08
	Dia.(approx)	mm 0.24
Insulation	Material	--- FEP
	Nom. Thickness	mm 0.22
	Dia.(approx)	mm 0.68±0.05
	Color	--- Natural
Outer Conductor	Type	--- Braid
	Material	--- Silver plated copper
	Coverage	% >93
	Dia.(approx)	mm 0.93
Jacket	Material	--- FEP
	Nom. Thickness	mm 0.10
	Color	--- Gray
	Dia.(approx)	mm 1.13 +0.10/-0.06

3. Characteristics :

Test Item	Unit	Specified Value	Note
Appearance	-	Faultless in visible	-
Temperature rating	°C	150	-
Voltage rating	V	250	-
Inner conductor resistance(at 20°C)	Ω /km	Max.597	At 20°C
Insulation resistance 1> (at 20°C)	MΩ·km	Min.1500	At 20°C
Dielectric strength	-	Dielectric core : No breakdown at AC1.5KV for 0.15sec.	Spark test
		Jacket : No breakdown at AC 1.5KV for 0.15sec.	Spark test
		No breakdown at AC 500V for 1min	Outer conductor to inner conductor
Capacitance	pF/m	Nom.98	At 1KHz
Characteristic impedance (at D-TDR)	Ω	50±2	TDR method
Attenuation	dB/m	2.0	1.0GHz
		2.9	2.0GHz
		3.6	3.0GHz
		4.2	4.0GHz
		4.7	5.0GHz
		5.2	6.0GHz



Cross-section of cable

六、产品尺寸图：

