

SPECIFICATION FOR APPROVAL

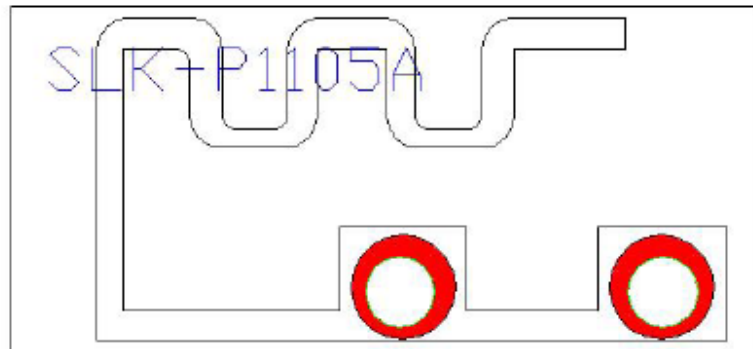
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Community Caiyun Road, No.8, Longgang, Shenzhen

WIFI Antenna (P1105A)

1. Explanation of Product number :

S L K - Z K X C - P 1 1 0 5 A

1 2



Product Code:

(1) Customer:

ZKXC: 中科迅驰

(2) Project:

P1105A: SLK-ZKXC-P1105A(WIFI antenna)

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n)
- * Hand-held devices when WIFI (802.11b/g/n) functions are needed

4. Description

Holy bond's PCB antenna series are specially designed for WIFI (802.11b/g/n) applications. Based on Holy bond's proprietary design and processes, this PCB antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

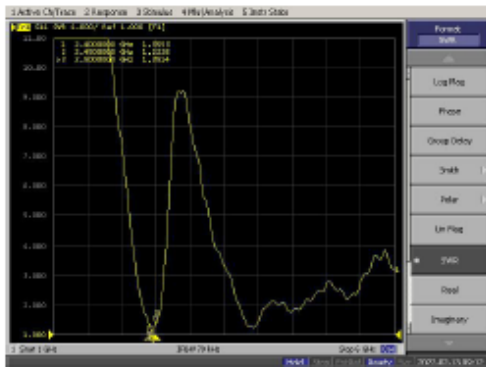
5. Electrical Specifications

5-1

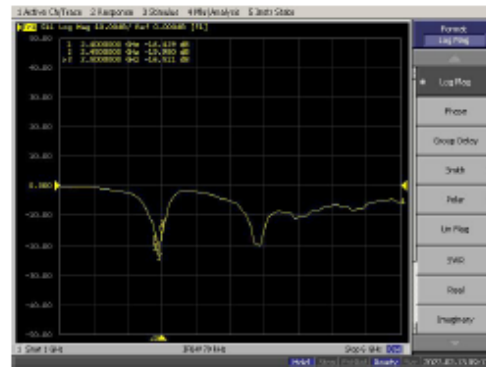
Characteristics	Specifications	Unit
Outline Dimensions	11.61x5.34x 3.0	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR



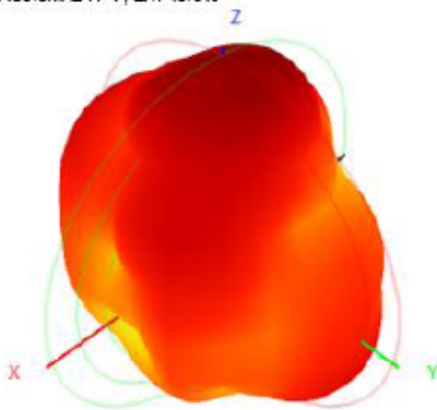
S11



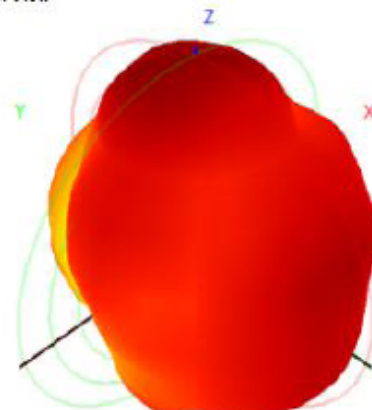
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequen	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficienc	-3.21	-2.99	-3.00	-2.88	-3.01	-3.05	-3.00	-3.22	-3.27	-3.24	-3.27
Gain (dB)	2.26	2.42	2.53	2.79	2.99	2.99	2.78	2.38	2.18	1.85	1.73
Efficienc	47.77	50.20	50.11	51.56	50.00	49.59	50.08	47.66	47.10	47.39	47.08

2450.0MHz H-V, Eff: 49.6%



Back View



7. Antenna Picture



WIFI ANTENNA