

Shenzhen Yishengbang Technology Co., LTD

Sample acceptance letter

SPECIFICATION FOR APPROVAL

Company name (to be filled in by customer): Guangdong Chen Jing photoelectric technology Co., LTD

Material code (filled in by customer): _____

Gauge type number (filled in by customer): _____

Acceptance date (for customer): _____

Name of supplier (SLK): Shenzhen Yishengbang Technology Co., LTD

For quotient gauge type number (fill in SLK): WIFI:SLK-MTX-2516D-L-260I-B

Acknowledge the signature

Acceptance by supplier (SLK field)

Guangdong Chen Jing photoelectric
technology Co., LTD

engineer

audit

approval

engineer

audit

approval

Chen Shilian

Huangzhne

Lin Meicai

Seal and sign

Seal and sign

day

2024-8-19

day

written instructions or comments: ☐ take in

☐ conditional acceptance

Remarks (filled by customer) :

Supplier name: Shenzhen Yishengbang Technology Co., LTD

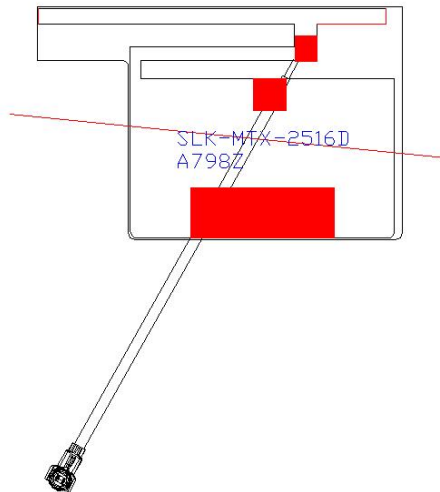
Supplier Address: 101, Building C, Shenzhen Qianwan Hard Technology
Industrial Park, Nanchang Community, Xixiang Street, Baoan District,
Shenzhen Tel: 0769-82553115 Fax: 0769-82553116

WIFI Antenna (2516D)

1. Explanation of Product number :

S L K - M T X - 2 5 1 6 D - L - 2 6 0 I - B

1 2 3 4 5



Product Code:

(1) Customer:

MTX:摩天星

(2) Project:

2516D: SLK-MTX-2516D (WIFI antenna)

(3) Welding Position

L: Left

(4) Cable Length:

260I: 260*1.13MM(一代端子)

(5) Cable Color

B: Black

2. Features

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

3. Applications

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

4. Description

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

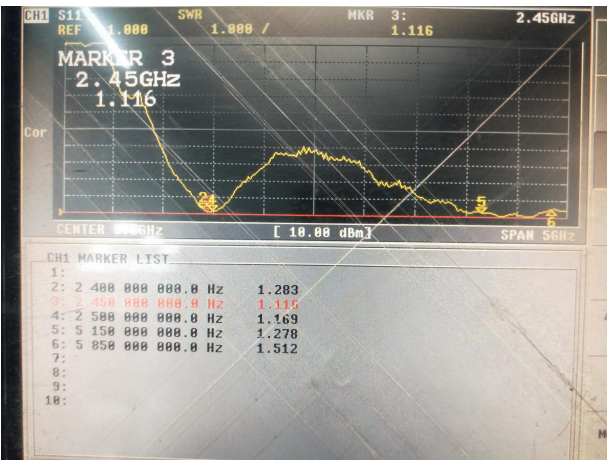
5. Electrical Specifications

5-1

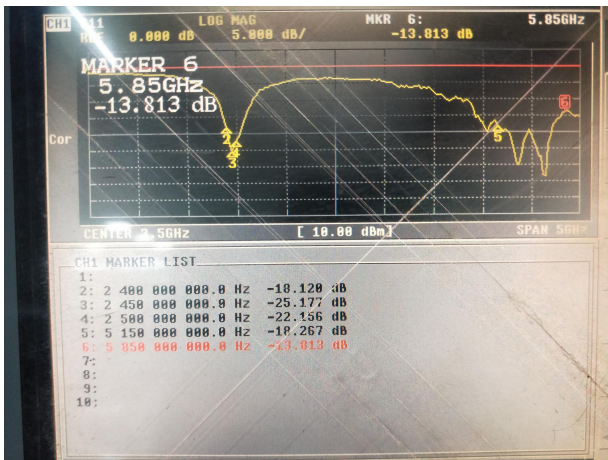
Characteristics	Specifications	Unit
Outline Dimensions	25.43x 16.19x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

5-2.

VSWR

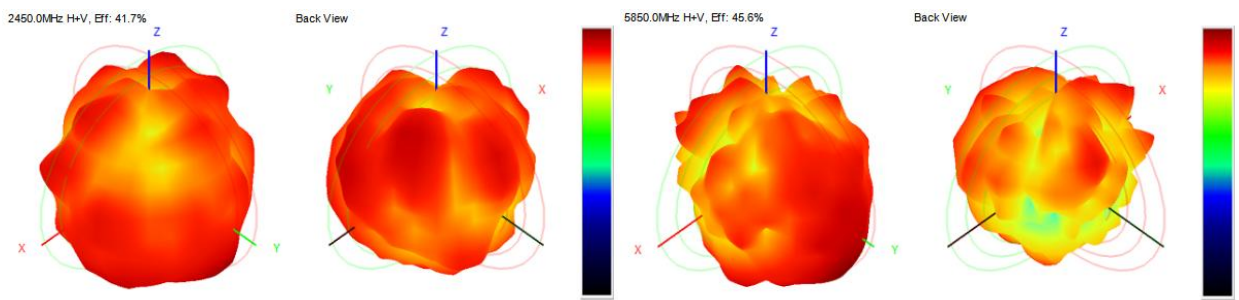


S11



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

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-4.14	0.82	38.53
2410.0	-3.88	1.22	40.88
2420.0	-3.91	1.45	40.62
2210.0	-3.91	1.80	40.68
2440.0	-3.81	1.92	41.61
2450.0	-3.80	1.90	41.65
2460.0	-3.86	1.94	41.13
2470.0	-3.82	1.87	41.51
2480.0	-3.86	1.55	41.16
2490.0	-4.21	0.99	37.93
2500.0	-4.21	0.96	37.96
5150.0	-3.80	2.99	41.70
5350.0	-3.16	2.66	48.27
5550.0	-3.17	2.55	48.17
5750.0	-3.49	2.64	44.76
5850.0	-3.41	2.84	45.59



6. Antenna Dimensions (unit: mm)

Document number	SLK-MTX-2516D-L-260I-B	Company: mm	Edition	Sign	Change description	DATE
			A1		New material	24-08-19

25.43±0.2

16.19±0.2

SLK-MTX-2516D
A798Z

185±3

1.20

1.80

2.00

SLK-MTX-2516D
A798Z

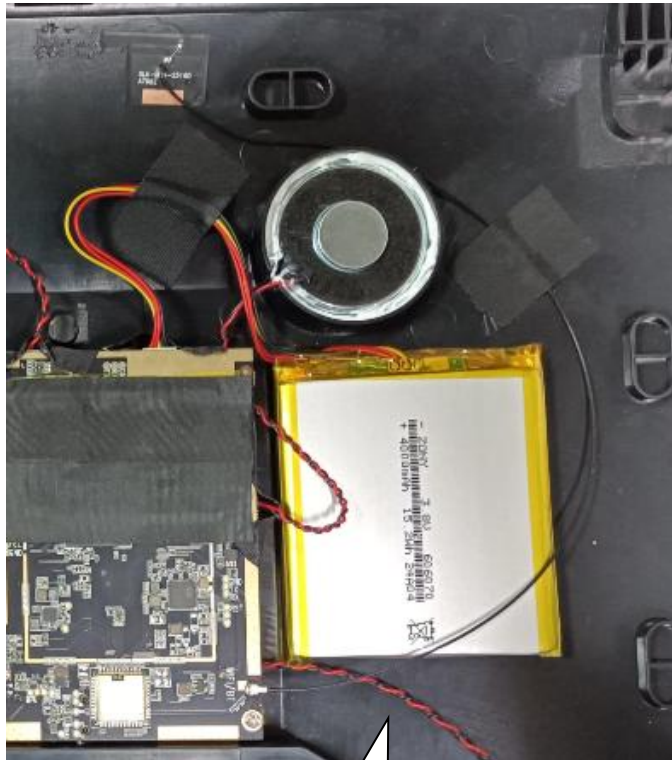
Black 1.13 wire, first generation terminal

Technical requirements:

1. FPC substrate: PI, the shadow part is copper foil, black oil on the positive surface.
2. Adhesive type: 3M300.
3. Exposed copper in the red part; Surface free of oil, impurities, burrs and so on.
4. hand-torn release paper cut off do not hurt the line.
5. important dimensions marked with "*" (mold production to control, mold acceptance must be measured);
6. The black of the Cable is 1.13, and the cable length is 260MM.

Design	Cailiang Liu			Name	
To examine	Zhen Hang			Customer item No	
Approval		weight	quantity	proportion	
				1:1	
		Sheet 1 of 1			
		Shenzhen Yishengbang Electronics Co., Ltd			

7. Antenna Picture



WIF antenna