



Shenzhen Yuhong Industrial Co., Ltd

Parts Acknowledgment

Customer name: ShenzhenXingmanSmartTechnologyCo., Ltd.
Product Model: Y3
Risuntek P/N: ET.HJY3126101
Version: A0
Product Name: FPC antenna
Description: Y3/FPC antenna 12.88*6.16*0.12mm single-sided adhesive 3M9471/ Yu Hong
Date: 2023/7/24

(Customer Signatures)

(PM)	(ME)	(QE)

(Inner Signatures)

(QE)	(ME)	(RF)

Address: 1308, Block A, Zhantao Technology Building, intersection of Minzhi Avenue and Industrial West Road, Longhua New District, Shenzhen
telephone: 0755-21031946

<http://www.yuhong-co.com/>

catalogue

one、 Resume

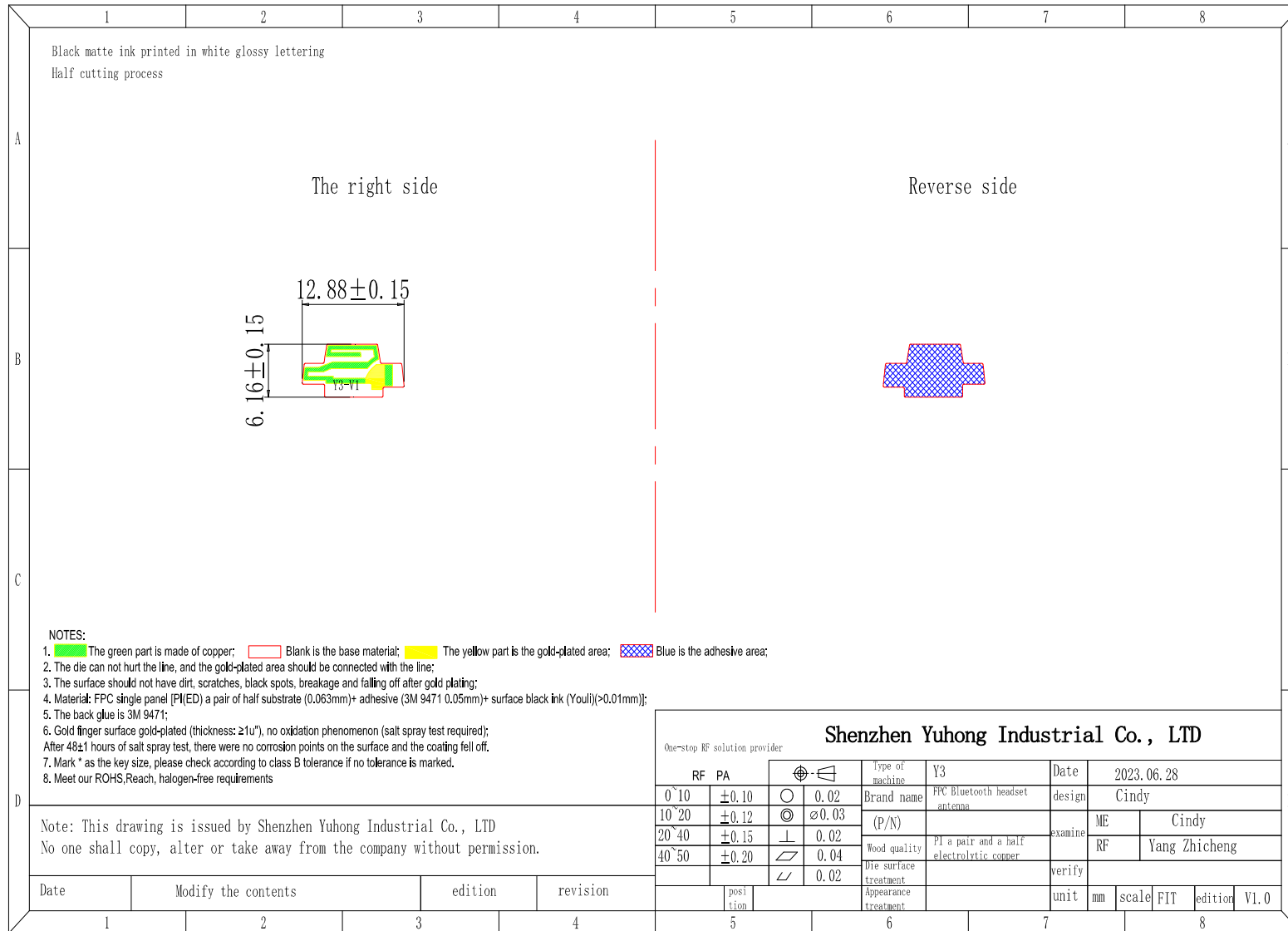
two、 Product drawings

three Description of electrical and
mechanical properties

one、Preparation / revision change resume

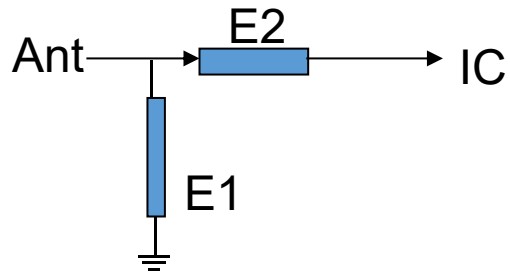
editi on	Revision page	Change time	Changed by	Reason and content of change	remarks
A0	—	2023/7/24	Cindy	Antenna form of the first version	
A1					
A2					
A3					
A4					
A5					
A6					

2、 Product drawings



3、Electrical and mechanical properties

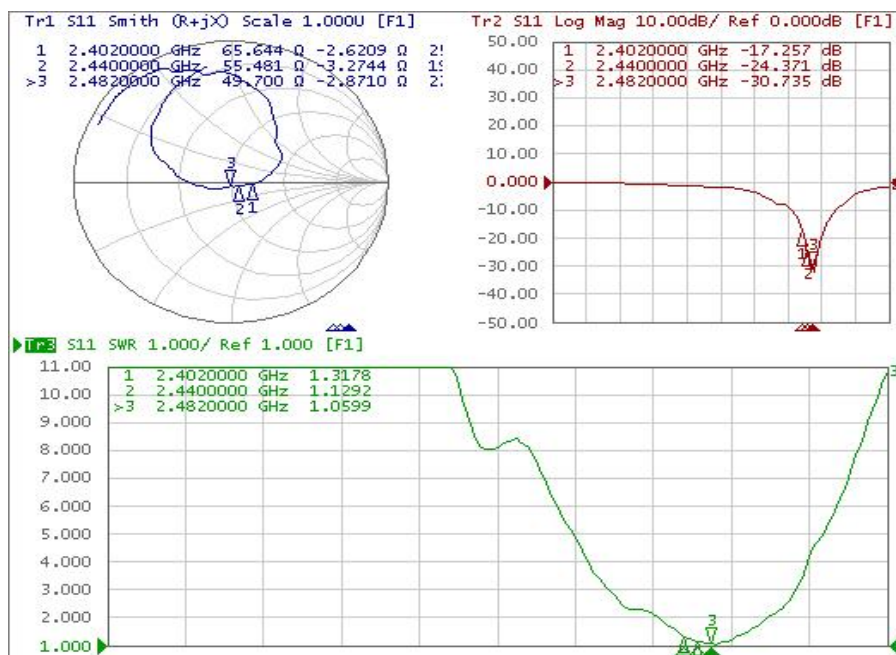
1、Match the circuit diagram



Element	Value
E1	2.4nH
E2	0Ω



2、S11 argument



3、Passive efficiency

Freq[MHz]	Gain(dBi)	效率值(dB)	Efficiency
	Free space	Free space	Free space
2400	0.31	-5.78	26.41
2410	0.54	-5.76	26.55
2420	0.6	-5.77	26.46
2430	0.54	-5.81	26.21
2440	0.39	-5.88	25.82
2450	0.31	-5.88	25.81
2460	0.24	-5.86	25.95
2470	0.32	-5.8	26.28
2480	0.41	-5.75	26.61
2490	0.47	-5.73	26.74
2500	0.4	-5.76	26.55

4、Active OTA data

Plug in a mobile phone	channel	TRP (dbm)	TRP (dBm)
	0	5.14	-84.61
	39	5.39	-85.4
	78	4.83	-85.12