



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

The name of the customer: 聚智科技

Product name: 2.4G FPC antenna 1.13 black wire L=80MM,
one generation terminal

Customer part number: VT9085

Manufacturer's part number: XESANT11B131035

Number of samples to be sent: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2024.05.21

That Customers:

Acknowledge	Check	Examine and approve	Datelanded
	 20250909		

Admit that situation: ☒new product ☐ product shanges

Admit that project: ☐acknowledgement ☐soecimen 10PCS

Admit that conclusion: ☐reception ☐refuse

Company address : Floor 3, Building D, No.96 Lingxia Road, Fuyong Fenghuang
Fourth Industrial Zone, Baoan District, Shenzhen

Phone number: 0755-33881455

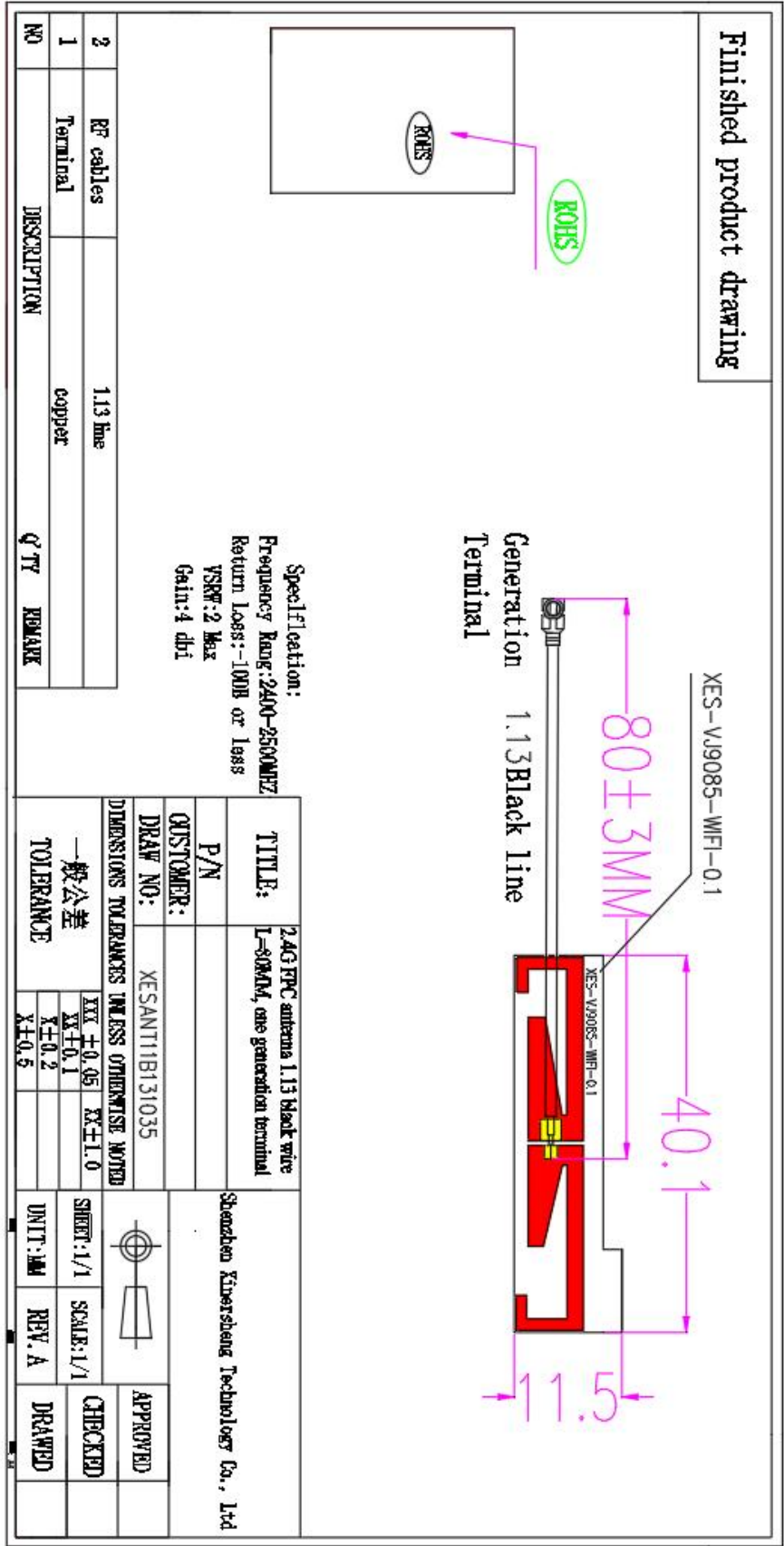
Fax NO.: 0755-33233276

Email: liqinghui@xinershengant.com

The main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Impedance(Ω)	50 ± 10
Perk Gain(dBi)	4.78
ReTurnLoss(dB)	≤ -10
VSWR	≤ 2
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	IPEX
Physical Properties	
Antenna Base	FPC
Operating Temp	-20℃-+60℃
Storage Temp	-20℃-+70℃

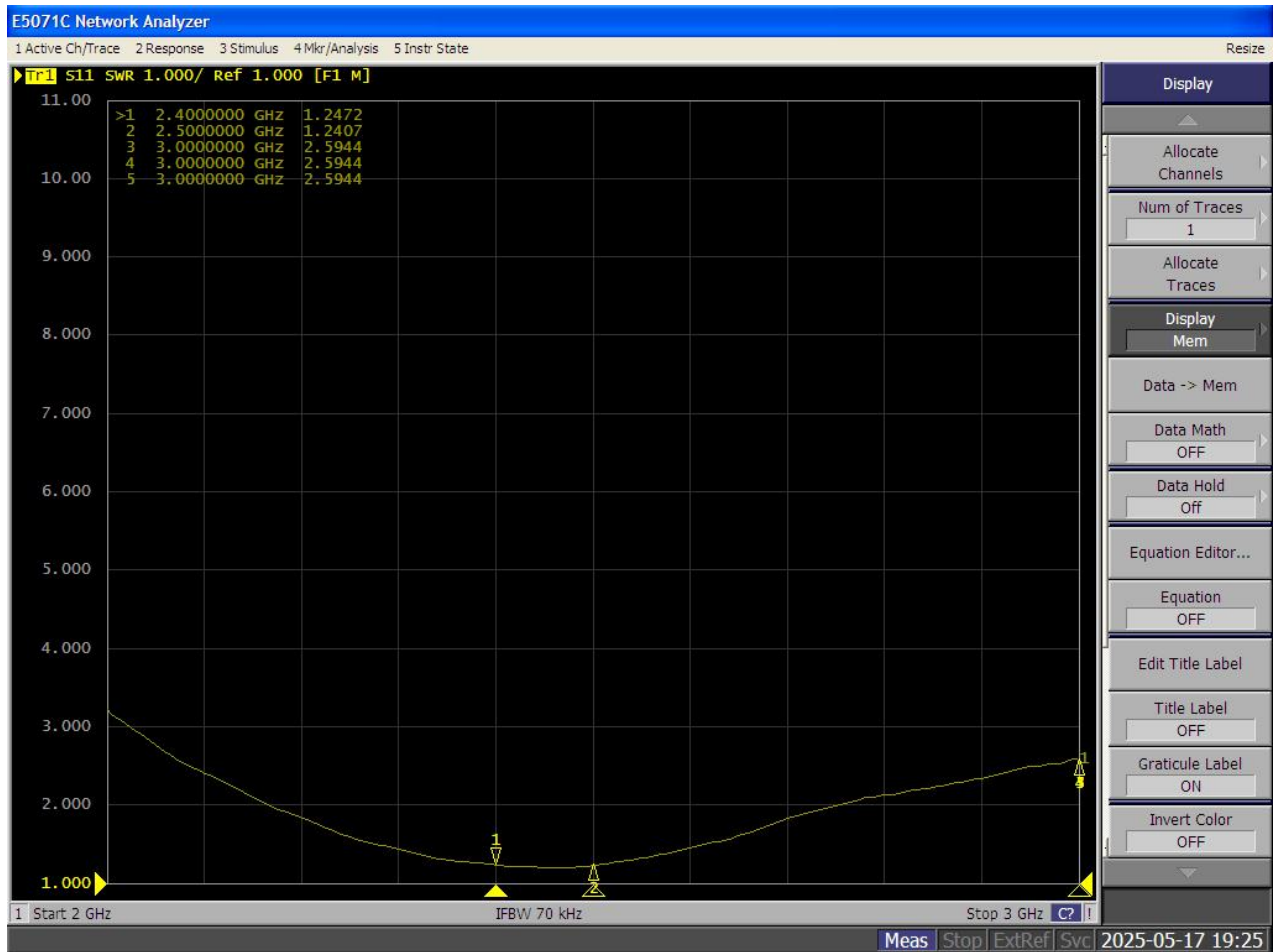
Finished product drawings



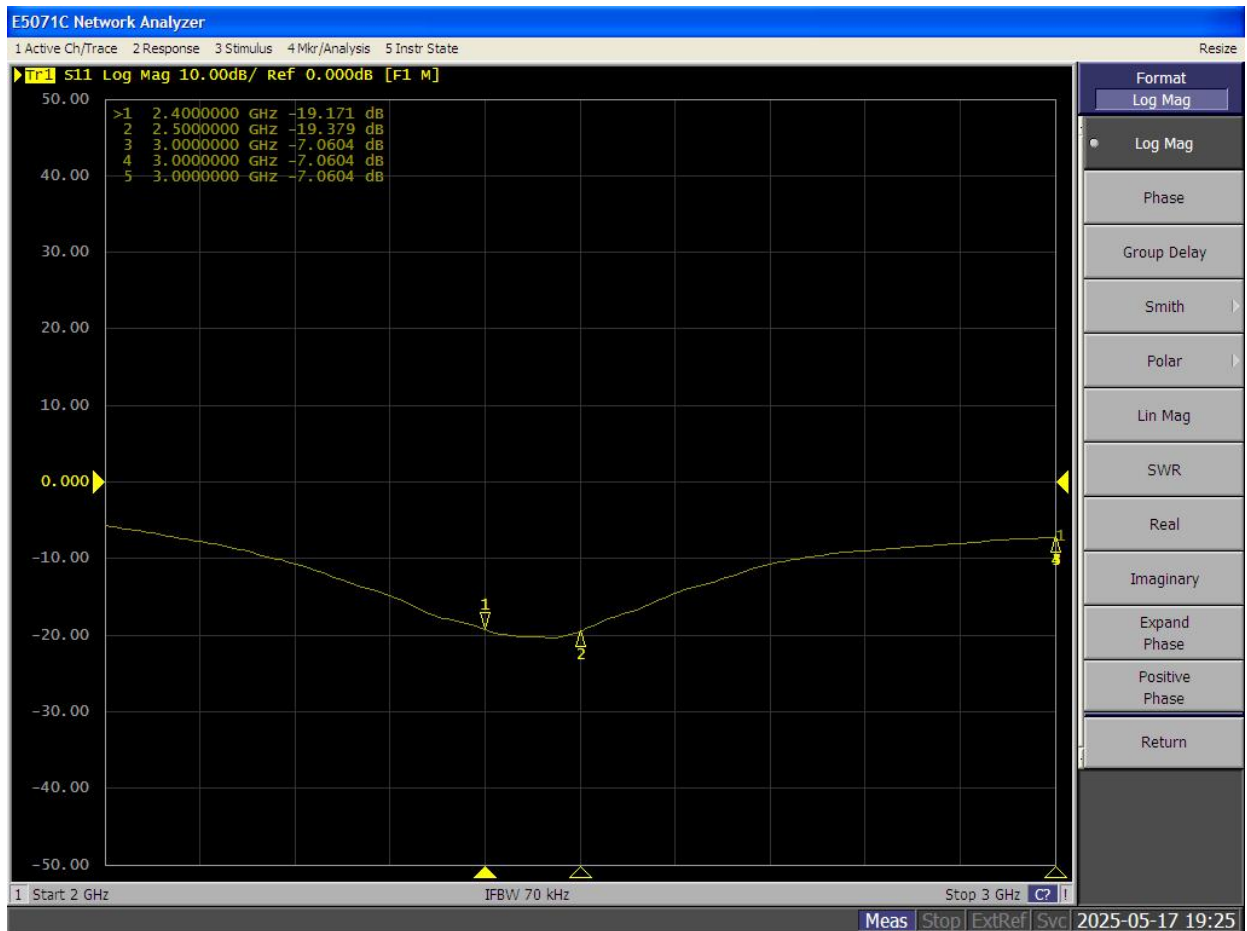
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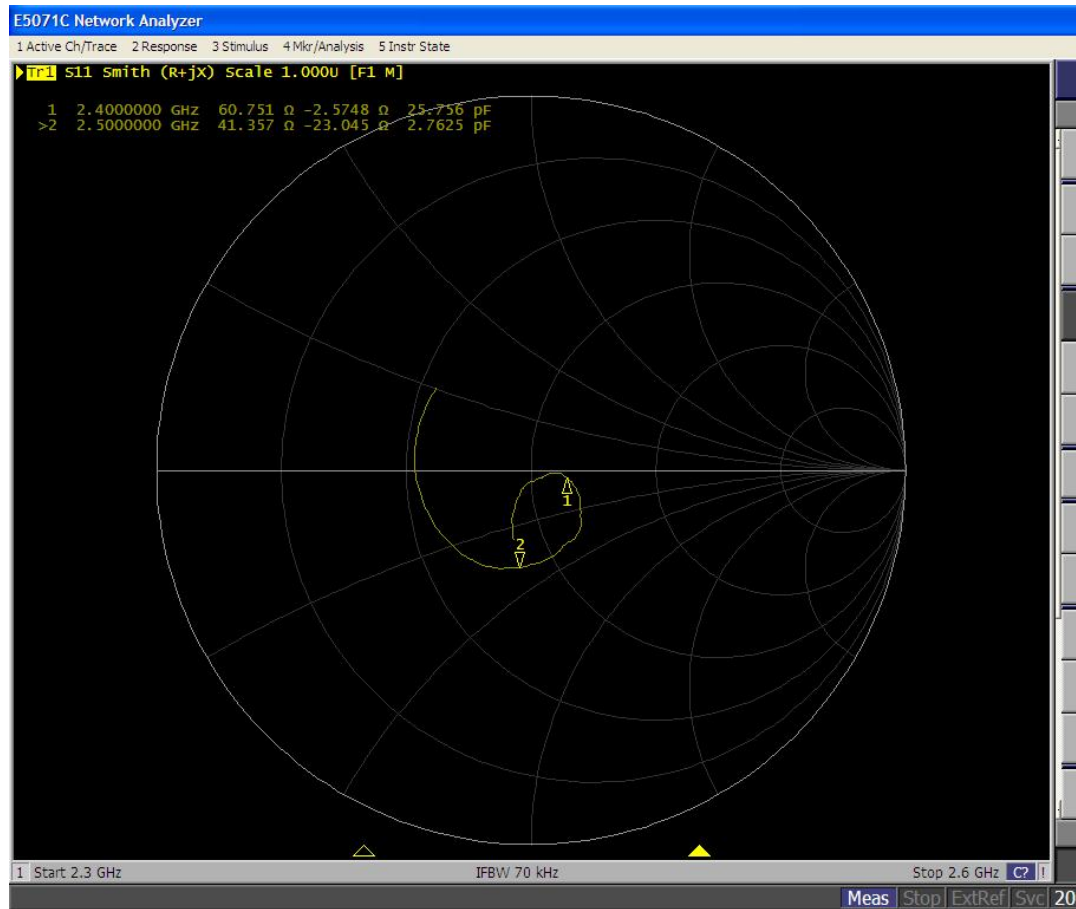
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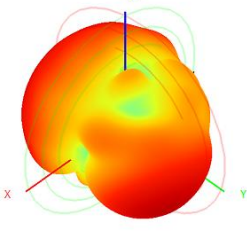
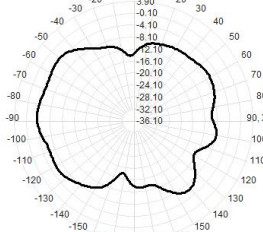
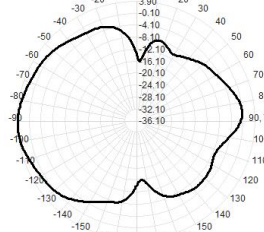
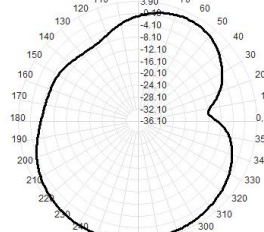
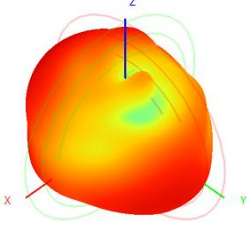
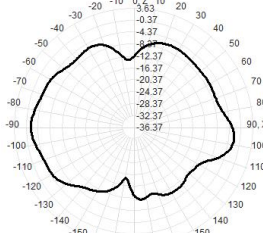
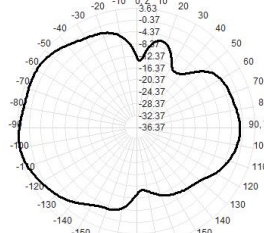
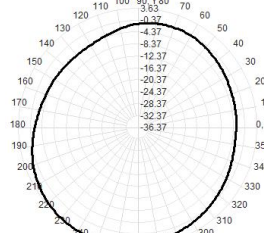
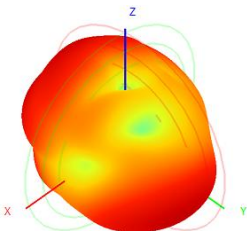
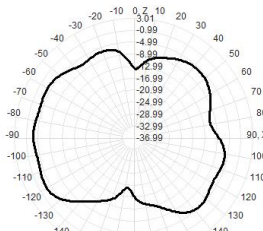
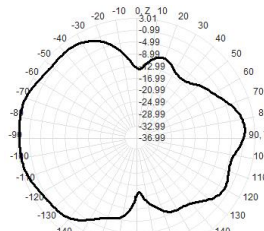
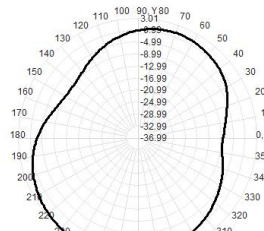
Return loss



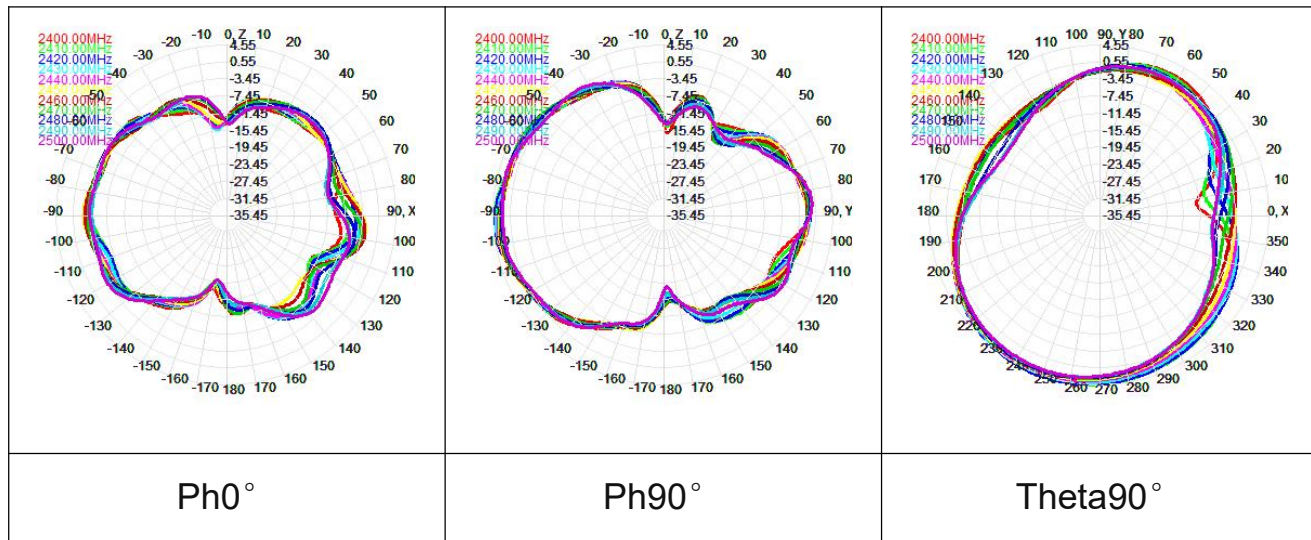
Smith



2D、3DRaditation Pattern

			
2400	XOZ	YOZ	XOY
			
2450	XOZ	YOZ	XOY
			
2500	XOZ	YOZ	XOY

Radiation Pattern For WiFi Antenna



Passive Gain and Efficiency:

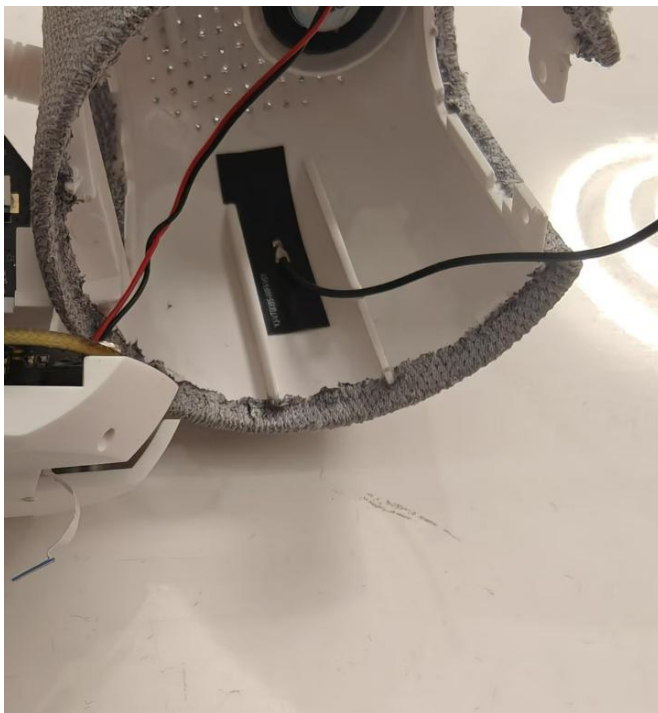
频率MHZ	增益Dbi	效率%
2400	4.31	64.2
2410	4.55	63.4
2420	4.61	64.17
2430	4.72	66.23
2440	4.75	60.16
2450	4.78	62.2
2460	4.62	64.74
2470	4.43	63.31
2480	4.45	64.58
2490	4.41	64.51
2500	4.03	62.35



Active Test Data:

Band	信道	TRP	Band	信道	TIS
802.11B-11Mbps	1	21.32	802.11B-11Mbps	1	-82.2
	6	21.73		6	-87.35
	11	21.61		11	-87.49

Assembly drawings:



Product Packaging Specifications

产品名称/规 范

一、标签要求

采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

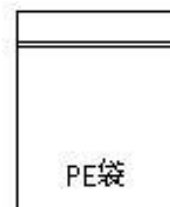
采购单号	*****
物料编码	*****
品名规格	*****
数量/单位	*****
备注	*****

二、装箱要求

作业说明：

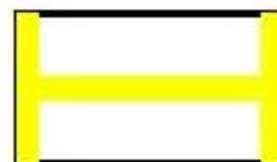
1. 内包装：

产品 100_PCS 一小袋

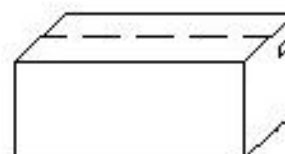


2. 外包装：

根据实际数量定数量/箱



纸箱



注意事项：

1. 是否要增设隔板、珍珠棉；
2. 标签的贴附，如 ROHS 等；