



Tengxiang Technology.Inc

东莞市腾祥电子有限公司

Product Number: AN2457-SNA27664-R

Product Name: Antenna

Specification For Approval

Date: 2023.11.8

Version: 1.0

客户名称

Customer:

客户料号

Customer P/N:

腾祥料号

T X P/N:

AN2457-SNA27664-R

规格描述

Description :

Tengxiang Checked By: 腾祥审核		Customer Approved By: 客户审核	
DRAWN 制 作		TESTED BY 检 测	
CHECKED BY 审 核		CHECKED BY 审 核	
Q.C.DEPT. 品 管		Q.C.DEPT. 品 管	
APPROVED BY 核 准		APPROVEDBY 核 准	

NO.53 Shatou ShaChong Road, ChangAn Town, Guangdong province, China

中国广东省东莞市长安镇沙头区沙涌路 53 号

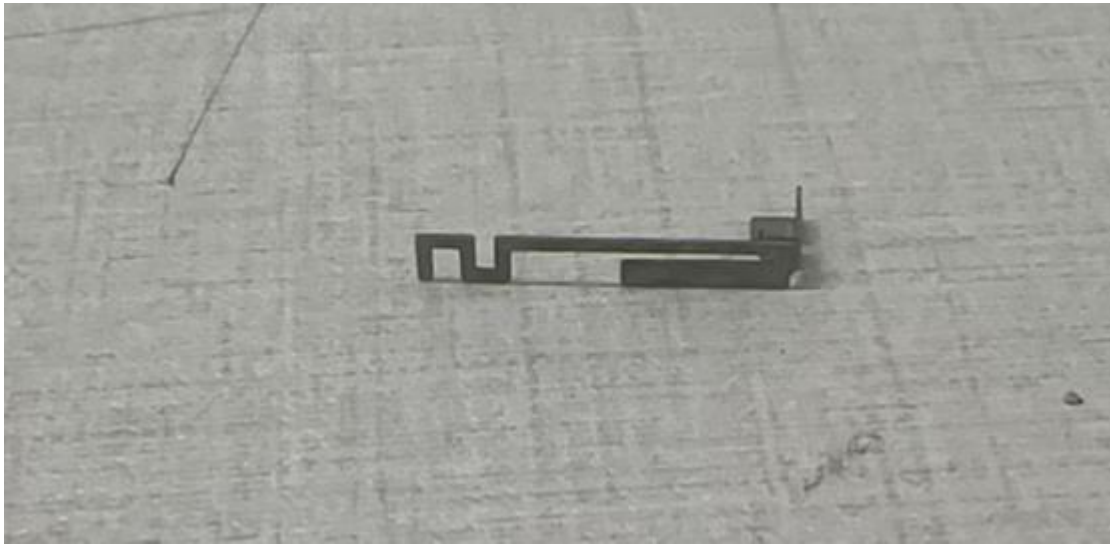
TEL:86-769-81873082 FAX:86-769-82663788

<http://www.tenxiang.cn>

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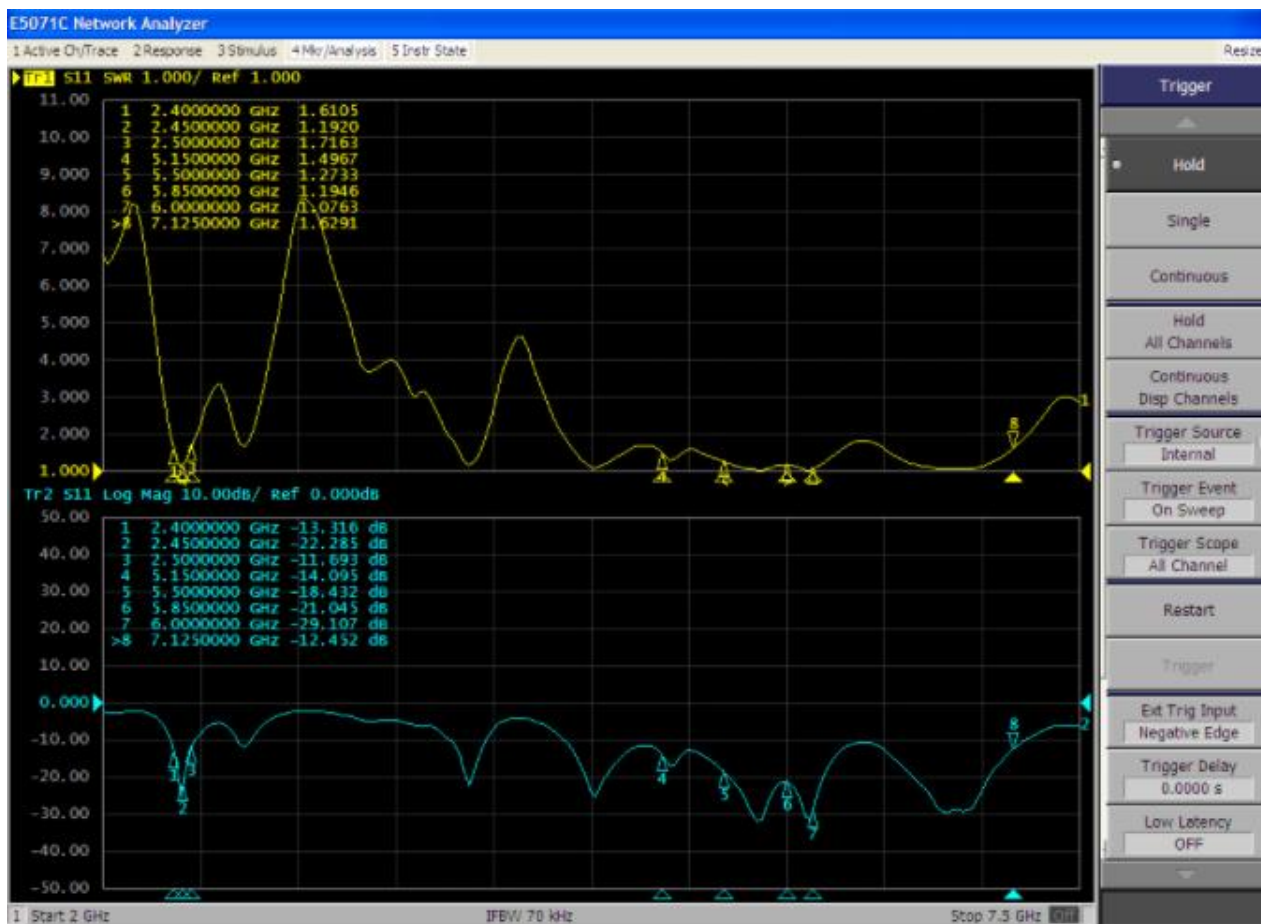
1. Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency 频率	2400-2500 MHz/5150-5850MHz/6000-7125MHz
S.W.R. 驻波比	≤ 2.0 / ≤ 2.5
Antenna Gain 增益	0.72dBi / 2.83dBi / 1.92dBi
Polarization 极化方式	Linear
Impedance 阻抗	50 Ohm
B. Material & Mechanical Characteristics	
Material 材质	White copper
C. Environmental	
Storage Temperature 存储温度	- 40°C ~ +80 °C
Operation Temperature 工作温度	- 40°C ~ +80 °C
Antenna Color Storage life 天线颜色存储寿命	< 2 year

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3. Antenna - S Parameter Test Data



Product Number: AN2457-SNA27664-R

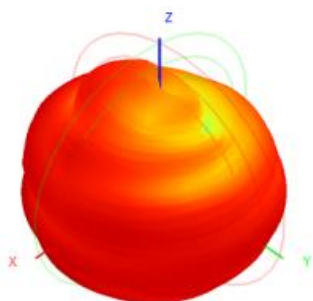
Product Name: Antenna

4. Antenna - Radiation Pattern Test Data

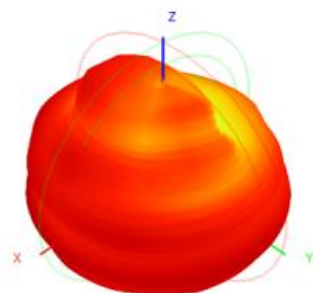
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5250.0	5350.0	5450.0	5550.0
Gain (dBi)	0.11	0.50	0.65	0.57	0.72	0.65	0.32	-0.03	-0.27	-0.09	-0.14	1.31	1.68	2.58	2.79	2.83
Efficiency (%)	33.87	36.12	36.88	35.89	37.92	38.37	36.72	35.38	33.47	34.43	34.11	38.43	44.84	52.19	58.43	59.59

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
5650.0	5750.0	5850.0	5900.0	6000.0	6100.0	6200.0	6300.0	6400.0	6500.0	6600.0	6700.0	6800.0	6900.0	7000.0	7100.0	7125.0
2.68	2.16	2.13	2.22	1.45	0.64	0.09	0.15	0.08	1.92	0.96	1.83	1.72	0.43	0.74	-0.05	-0.20
56.17	50.39	45.61	48.03	40.56	38.12	33.84	35.58	34.28	56.92	52.20	64.78	55.32	45.67	38.76	38.33	34.25

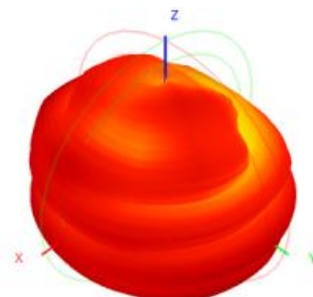
2400MHz



2450MHz



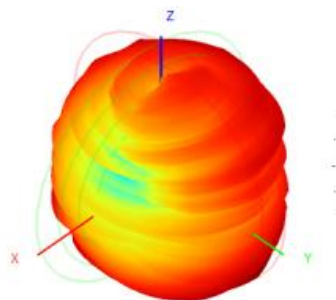
2500MHz



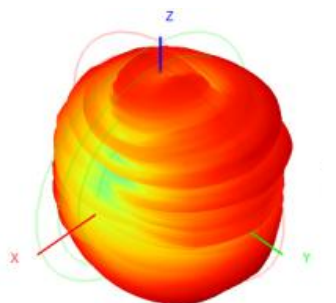
Product Number: AN2457-SNA27664-R

Product Name: Antenna

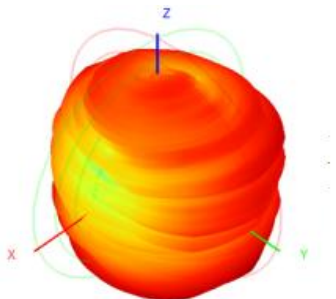
5150MHz



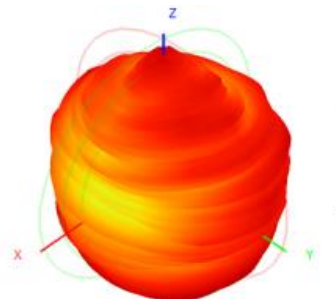
5550MHz



5850MHz



6000MHz





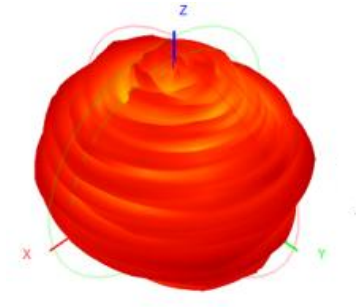
Tengxiang Technology.Inc

东莞市腾祥电子有限公司

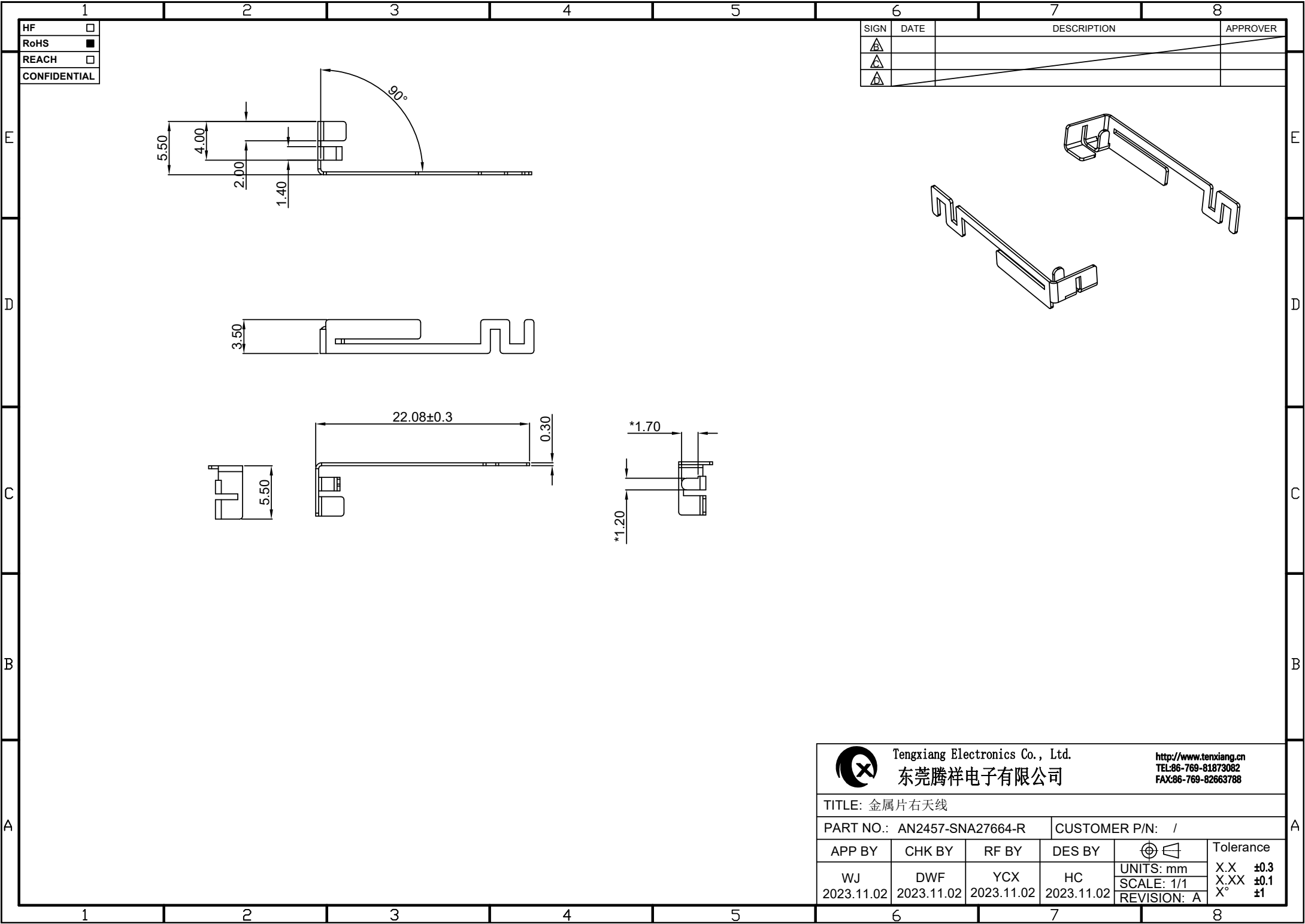
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7125MHz



5. Mechanical Drawing See attached files



HF ☐
RoHS ☒
REACH ☐
CONFIDENTIAL

SIGN	DATE	DESCRIPTION	APPROVER

				Tengxiang Electronics Co., Ltd. 东莞腾祥电子有限公司		http://www.tenxiang.cn TEL:86-769-81873082 FAX:86-769-82663788	
TITLE: 金属片右天线							
PART NO.: AN2457-SNA27664-R				CUSTOMER P/N: /			
APP BY		CHK BY	RF BY	DES BY		Tolerance	
WJ		DWF	YCX	HC	UNITS: mm	X.X ±0.3	
2023.11.02		2023.11.02	2023.11.02	2023.11.02	SCALE: 1/1	X.XX ±0.1	
					REVISION: A	X° ±1	

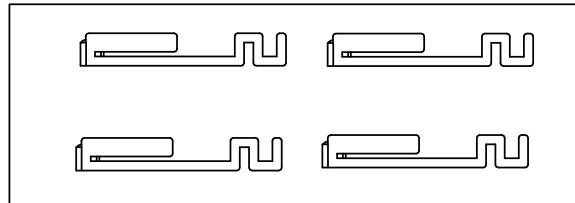
PACKING CRITERION

Date: 2023.11.02

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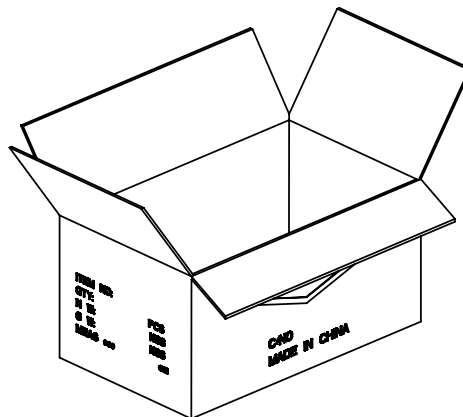
Part Number : AN2457-SNA27664-R	Revision : A
Name: Antenna	Customer : ALL

1 . Enter PE bag.



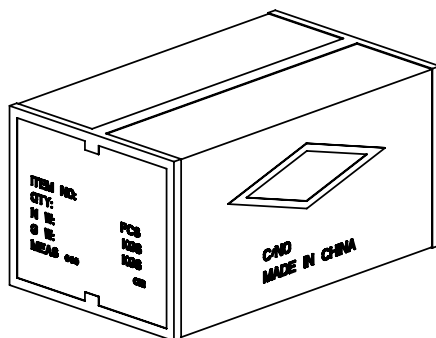
50pcs/ PE bag

2.PACKING ◦



2000pcs/Carton

3. SEALING.



APPROVED BY: YCX

CHECKED BY: TOM

DESIGNED BY: HC