

广州极飞科技股份有限公司

样品承认书

产品料号: 01-003-00486

产品版本: A0

产品名称: 5.8G内置PCB天线

产品规格: 5G PCB 天线 1.37mm 黑色线
L=100mm+IPEX

原料牌号:

表面处理: 丝印

供 应 商: 东莞市海恒电子科技有限公司

极飞签核		
结构设计	可靠性质量	中试审批
说明:		

供应商签核		
制作	审核	核准
邓文兵	胡超	陈鹏
说明:		

Product Number:AN5800-PCB50BX
Product Name: Antenna

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- 2. Antenna - S Parameter Test Data (样品测试数据)
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Revision History (变更履历)

Revision	Date	Change Notification	Description
1.0	2024.11.16	初版	

Product Number:AN5800-PCB50BX

Product Name: Antenna

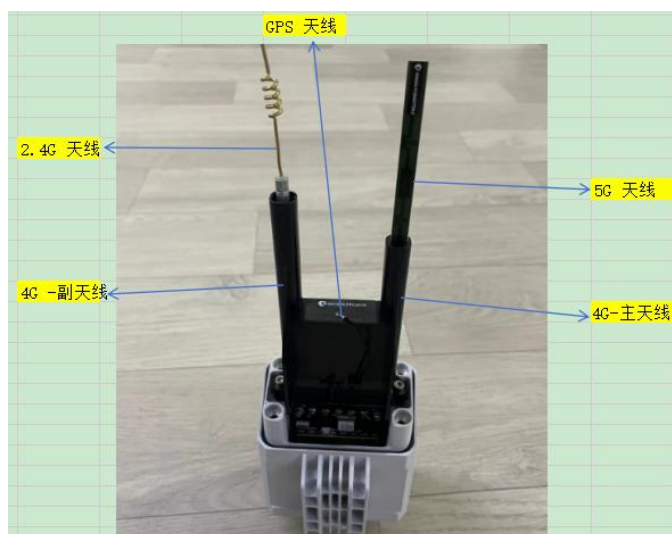
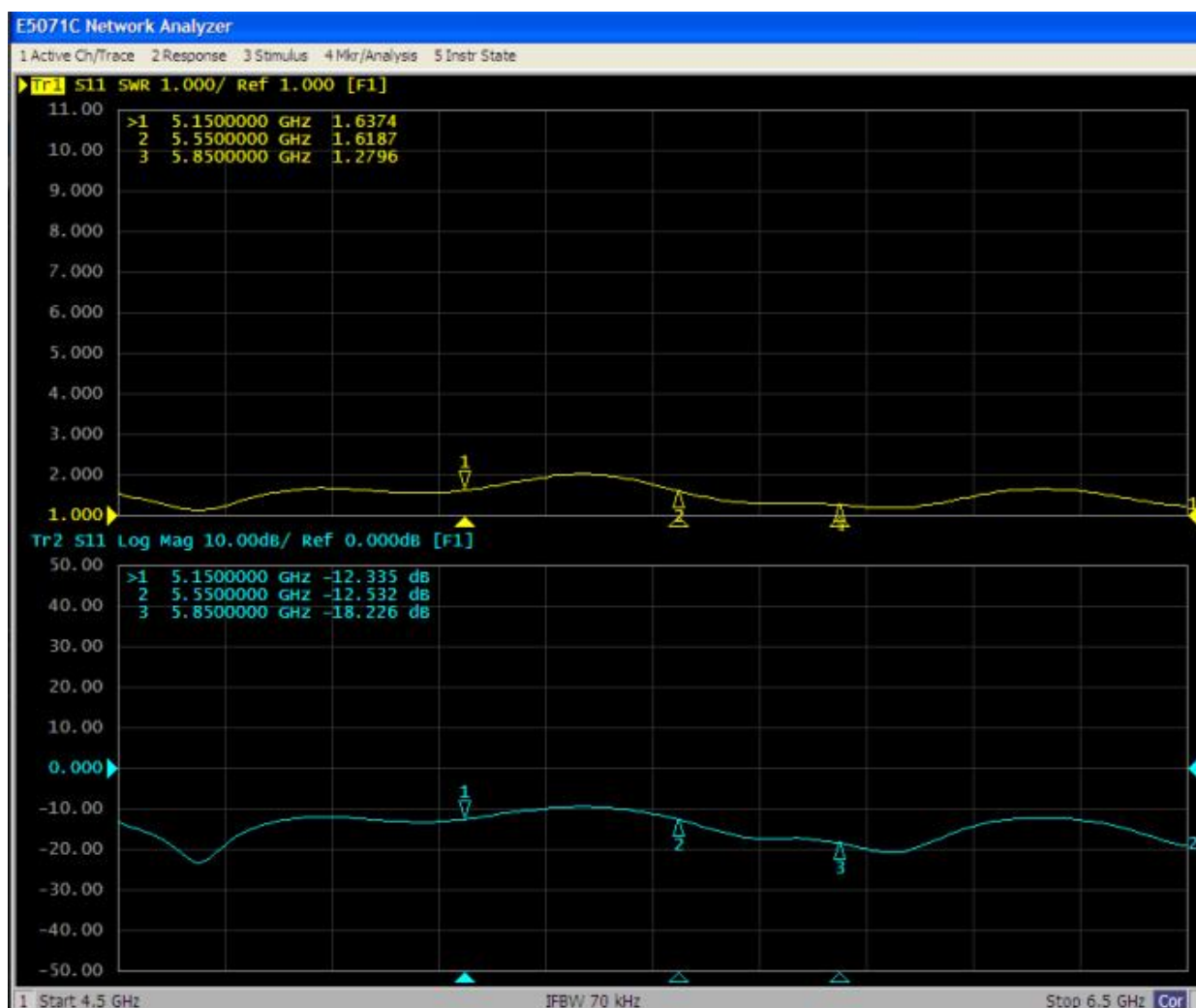
1. Specification

Sample Photo	
	
Frequency 频率	5150-5850 MHz
S.W.R. 驻波比	<= 2.0
Antenna Gain 增益	5.35dBi
Polarization 极化方式	Linear
Impedance 阻抗	50 Ohm
Cable Type 线材规格	OD1.37mm ,Black
Connector Type 连接器规格	I-PEX
Pull Test 拉力	1KG
Salt Spray 盐雾	24H
Storage Temperature 存储温度	- 40℃ ~ +80 ℃
Operation Temperature 工作温度	- 40℃ ~ +80 ℃
Environment Protections 环保要求	RoHS

Product Number:AN5800-PCB50BX

Product Name: Antenna

2. Antenna - S Parameter Test Data

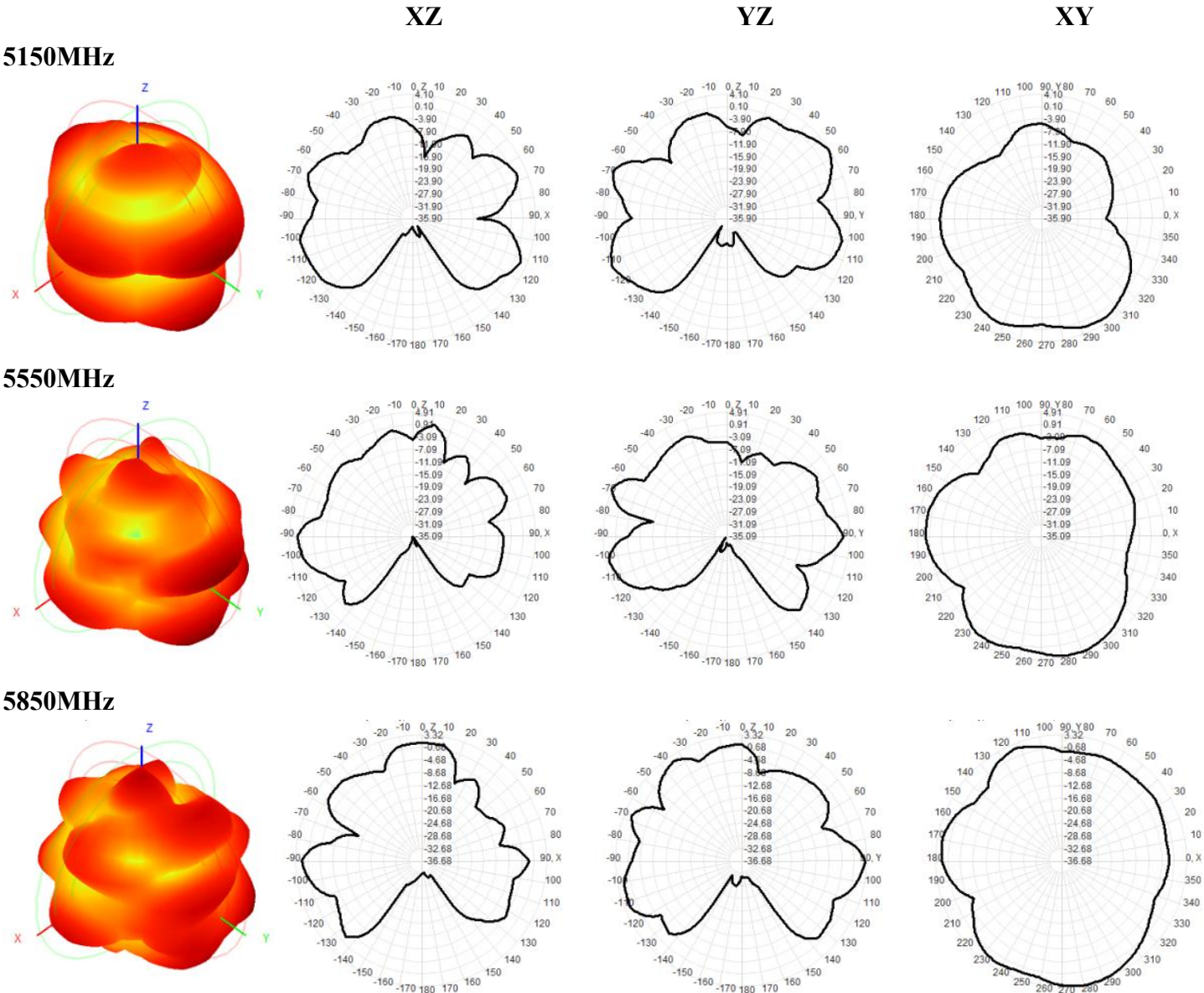


Product Number:AN5800-PCB50BX

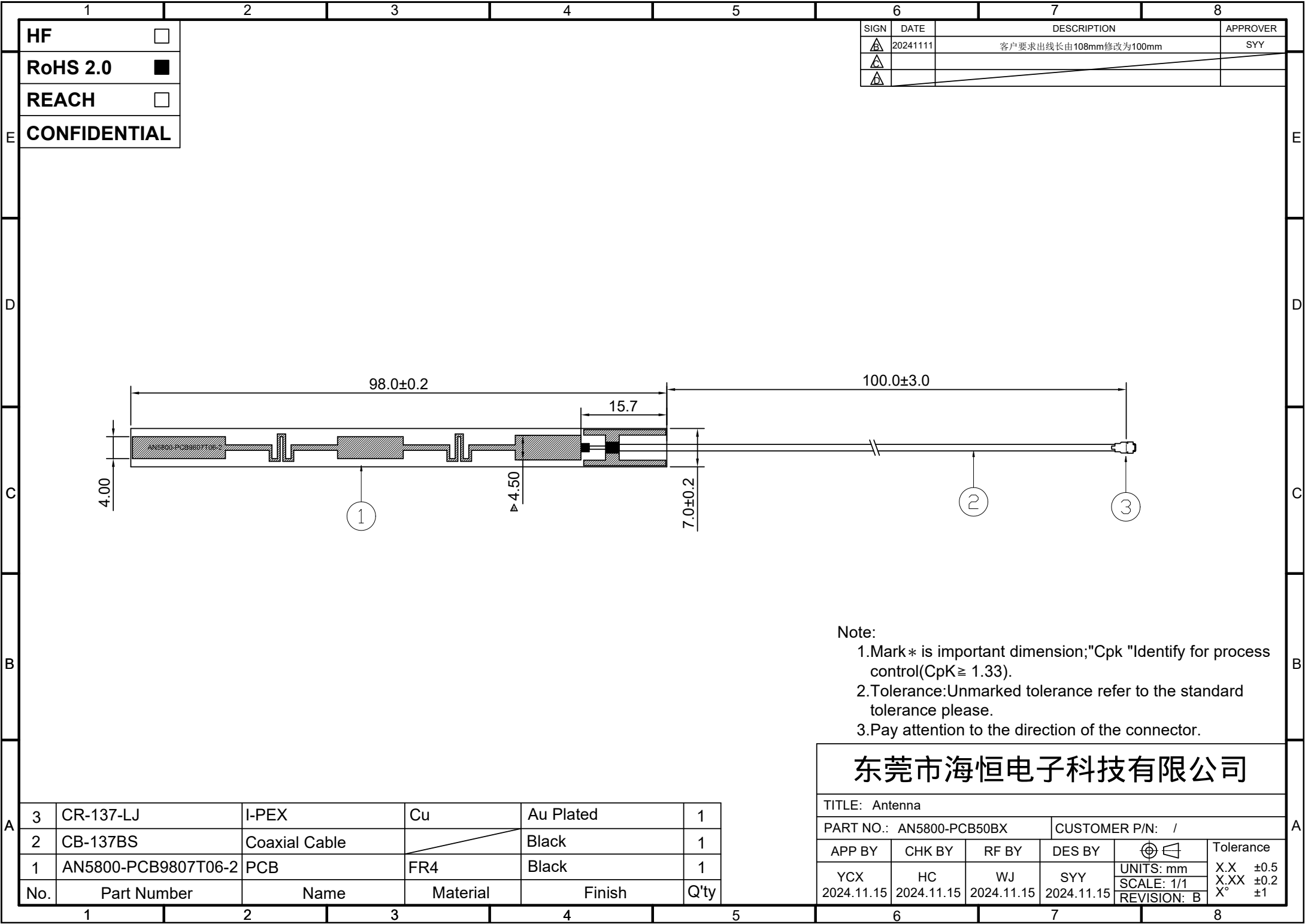
Product Name: Antenna

3. Antenna - Radiation Pattern Test Data

Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Frequency (MHz)	5150.0	5200.0	5250.0	5300.0	5350.0	5400.0	5450.0	5500.0	5550.0	5600.0	5650.0	5700.0	5750.0	5800.0	5850.0
Gain (dBi)	4.63	4.64	4.74	4.85	4.88	4.81	4.95	4.87	5.10	5.02	4.98	5.10	5.12	5.28	5.35
Efficiency (%)	54.28	55.98	56.75	57.28	56.74	57.02	56.28	57.50	55.08	56.28	56.98	57.58	58.63	59.27	59.62



4. Mechanical Drawing See attached files



HF	☐
RoHS 2.0	☒
REACH	☐
CONFIDENTIAL	

SIGN	DATE	DESCRIPTION	APPROVER
	20241111	客户要求出线长由108mm修改为100mm	SY

- Note:
- 1.Mark * is important dimension;"Cpk "Identify for process control(CpK≥ 1.33).
 - 2.Tolerance:Unmarked tolerance refer to the standard tolerance please.
 - 3.Pay attention to the direction of the connector.

东莞市海恒电子科技有限公司

3	CR-137-LJ	I-PEX	Cu	Au Plated	1
2	CB-137BS	Coaxial Cable		Black	1
1	AN5800-PCB9807T06-2	PCB	FR4	Black	1
No.	Part Number	Name	Material	Finish	Q'ty

TITLE: Antenna					
PART NO.: AN5800-PCB50BX				CUSTOMER P/N: /	
APP BY	CHK BY	RF BY	DES BY		Tolerance
YCX	HC	WJ	SY	UNITS: mm	X.X ±0.5
2024.11.15	2024.11.15	2024.11.15	2024.11.15	SCALE: 1/1	X.XX ±0.2
				REVISION: B	X° ±1

产品包装规范

PACKING CRITERION

Date: 2024.11.15

Page: 1 of 1

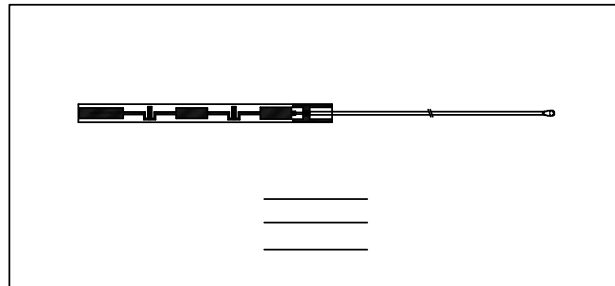
Part Number : AN5800-PCB50BX

Revision : A

Name: Antenna

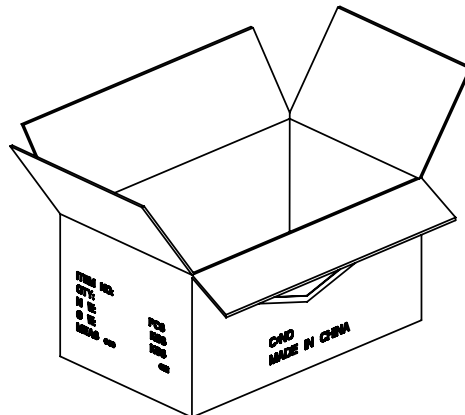
Customer : ALL

1 . Enter PE bag。



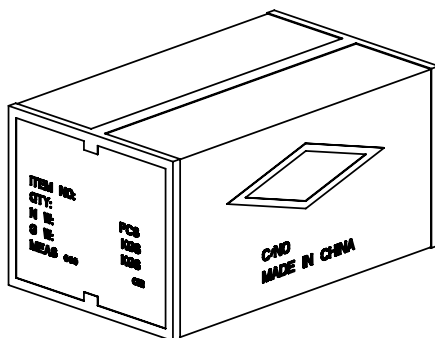
100pcs/ PE bag

2.PACKING 。

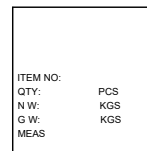


8000pcs/Carton

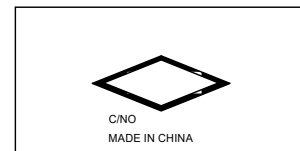
3. SEALING 。



SIDE



FRONT



APPROVED BY : YCX

CHECKED BY : HC

DESIGNED BY : SY Y