



Tengxiang Technology.Inc

东莞市腾祥电子有限公司

Product Number:AN0433-PCB400110

Product Name: Antenna

Specification For Approval

Date: 2024.9.27

Version: 1.0

客户名称

Customer:

神牛

客户料号

Customer P/N:

122-40111-000

腾祥料号

T X P/N:

AN0433-PCB400110

规格描述

Description :

433MHz PCB 天线

Tengxiang Checked By: 腾祥审核		Customer Approved By: 客户审核	
DRAWN 制作	路婷	TESTED BY 检测	
CHECKED BY 审核	胡超	CHECKED BY 审核	
Q.C.DEPT. 品管	江美如	Q.C.DEPT. 品管	
APPROVED BY 核准	韦佳	APPROVEDBY 核准	



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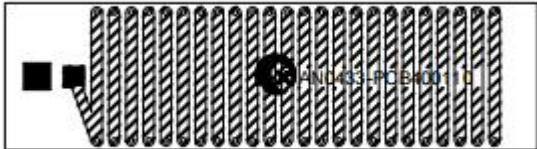
Revision History (变更履历)

Revision	Date	Change Notification	Description
1.0	2024.9.27	初版	

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1. Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency 频率	433 MHz
S.W.R. 驻波比	≤ 2.0
Polarization 极化方式	Linear
Impedance 阻抗	50 Ohm
B. Material & Mechanical Characteristics	
Cable Type 线材规格	/
Connector Type 连接器规格	/
C. Environmental	
Storage Temperature 存储温度	- 40°C ~ +80 °C
Operation Temperature 工作温度	- 40°C ~ +80 °C

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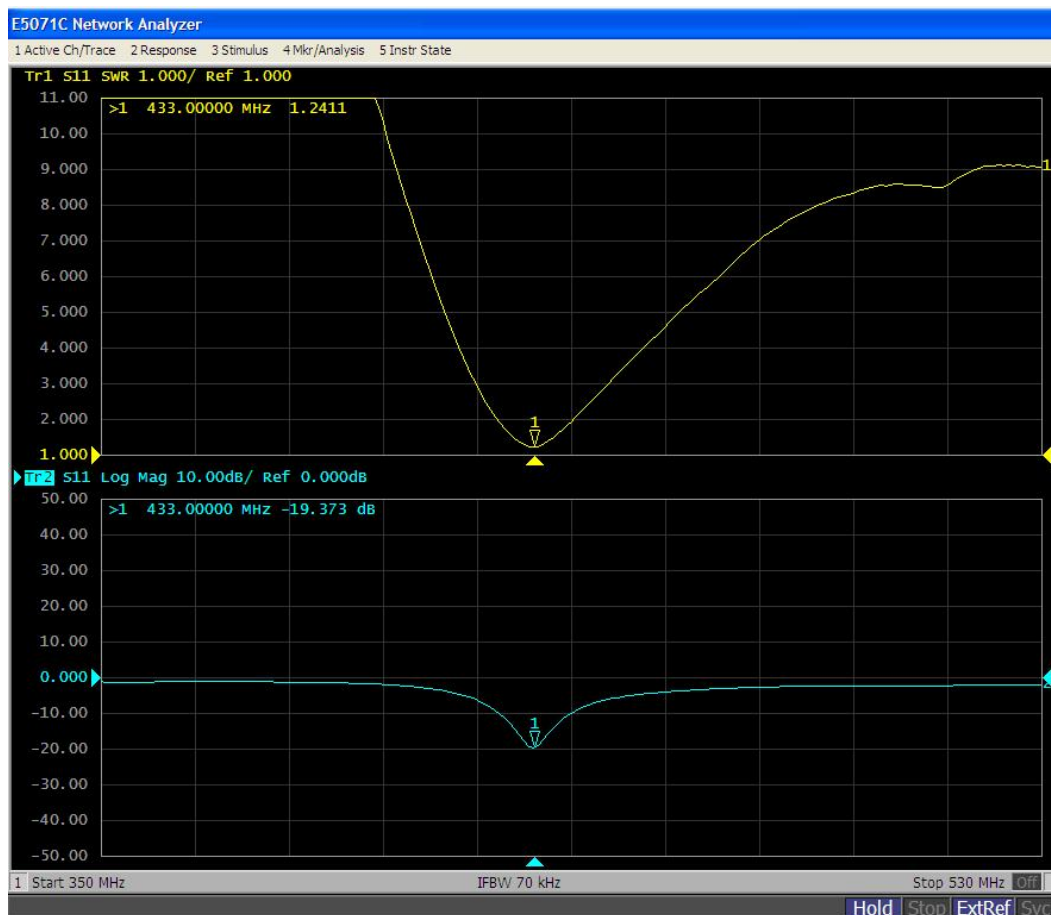
2. Characteristics and Reliability Test

Test Items 测试项目		Test Condition and Procedure 测试方法	Requirements 要求	Result 结果
1	V.S.W.R. 电压驻波比	Set DUT on Network Analyzer; make individual calibration to test 设置网络分析仪参数进行测试	Directive DUT specification 符合待测物规范	PASS
2	Insertion Loss 插入损失	Set DUT on Network Analyzer; make individual calibration to test 设置网络分析仪参数进行测试	Directive DUT specification 符合待测物规范	PASS
3	Solderability 可焊性	GB / T2423.28-2005 Temp: $260 \pm 5^{\circ}\text{C}$; Duration: 5 seconds 温度 $260 \pm 5^{\circ}\text{C}$; 持续 5 秒	Tin evenly on full 上锡均匀饱满	PASS
4	Pull Test 拉力	Holding with individual specification; force applied to axis of terminal 单独定义产品端子拉力	1. Directive DUT specification 2. Frequency Tol. $\leq 5\%$ 符合待测物规范; 频率偏移 $\leq 5\%$	PASS
5	Dimension 尺寸	Inspection of dimension, color, material, package, surface process. 检查尺寸, 颜色, 材料, 包装, 表面处理	Directive DUT specification 符合待测物规范	PASS
6	Salt Spray 盐雾	GB / T 2423.17-2008 Temp: 35°C ; RH: $\geq 95\%$; NaCl solution: $\geq 5\%$; Time: 24H 温度 35°C ; 湿度 $\geq 95\%$; 盐水浓度 $\geq 5\%$; 测试 24H	1. No Visual Damage 2. Frequency Tol. $\leq 5\%$ 无明显外观不良; 频率偏移 $\leq 5\%$	PASS
7	RoHS	With Reference to IEC 62321:2008 with flow chart 参考 IEC 62321 测试流程	Directive RoHS 2015/863/EU 符合 RoHS 2015/863/EU 标准	PASS

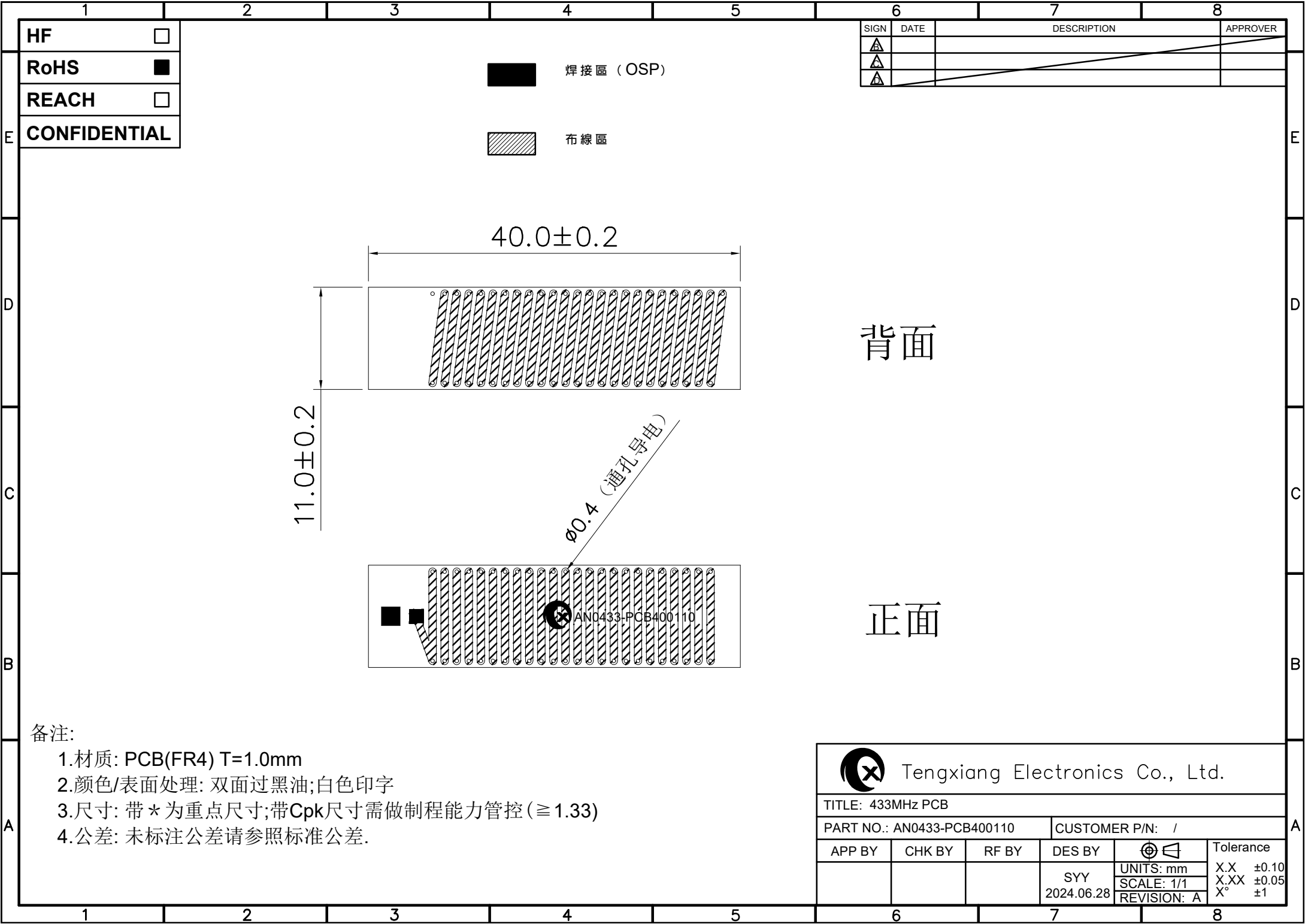
Product Number: AN0433-PCB400110

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3. Antenna - S Parameter Test Data



4. Mechanical Drawing See attached files



HF ☐

RoHS ☒

REACH ☐

CONFIDENTIAL

SIGN	DATE	DESCRIPTION	APPROVER

焊接區 (OSP)

布線區

40.0±0.2

11.0±0.2

Ø0.4 (通孔导电)

AN0433-PCB400110

背面

正面

备注:

- 1.材质: PCB(FR4) T=1.0mm
- 2.颜色/表面处理: 双面过黑油;白色印字
- 3.尺寸: 带*为重点尺寸;带Cpk尺寸需做制程能力管控(≥ 1.33)
- 4.公差: 未标注公差请参照标准公差.



Tengxiang Electronics Co., Ltd.

TITLE: 433MHz PCB

PART NO.: AN0433-PCB400110

CUSTOMER P/N: /

APP BY	CHK BY	RF BY	DES BY		Tolerance
			SY	UNITS: mm	X.X ±0.10
			2024.06.28	SCALE: 1/1	X.XX ±0.05
				REVISION: A	X° ±1

产品包装规范

PACKING CRITERION

Date: 2024.07.22

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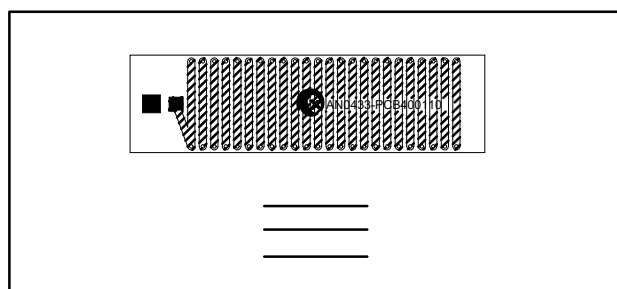
Part Number : AN0433-PCB400110

Revision : A

Name: Antenna

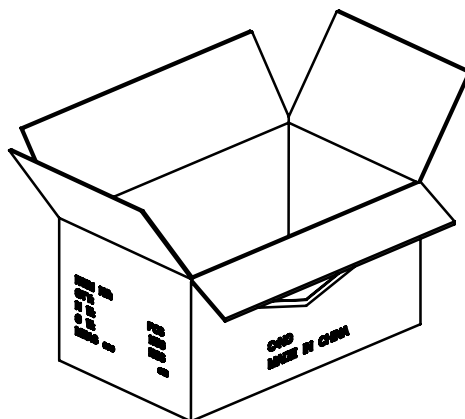
Customer : ALL

1 . Enter PE bag。



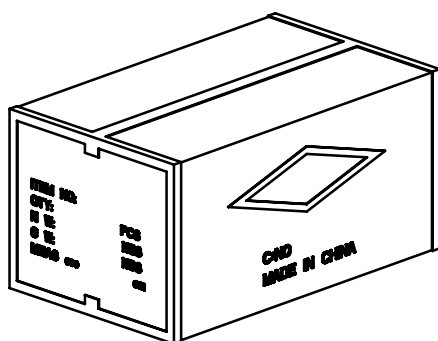
100pcs/ PE bag

2.PACKING。



8000pcs/Carton

3. SEALING。

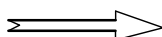


SIDE

ITEM NO:
QTY: PCS
N W: KGS
G W: KGS
MEAS

FRONT

C/NO
MADE IN CHINA



APPROVED BY : YCX

CHECKED BY : HC

DESIGNED BY : SY Y