

规格承认书

SPECIFICATION FOR APPROVAL

日期 Date	2023/09/08
编号 File No	23090801
版本 Revision	1.0

客户
CUSTOMER: SMART ELECTRONIC INDUSTRIAL CO., LTD.

客户料号
CUSTOMER NO: ETGD668F00011-JLY

品名
PART NAME: 908.4MHz Antenna L=30mm

供方料号
SUPPLIER NO:

送样日期Date: 送样数量Q “TY:

客户确认CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

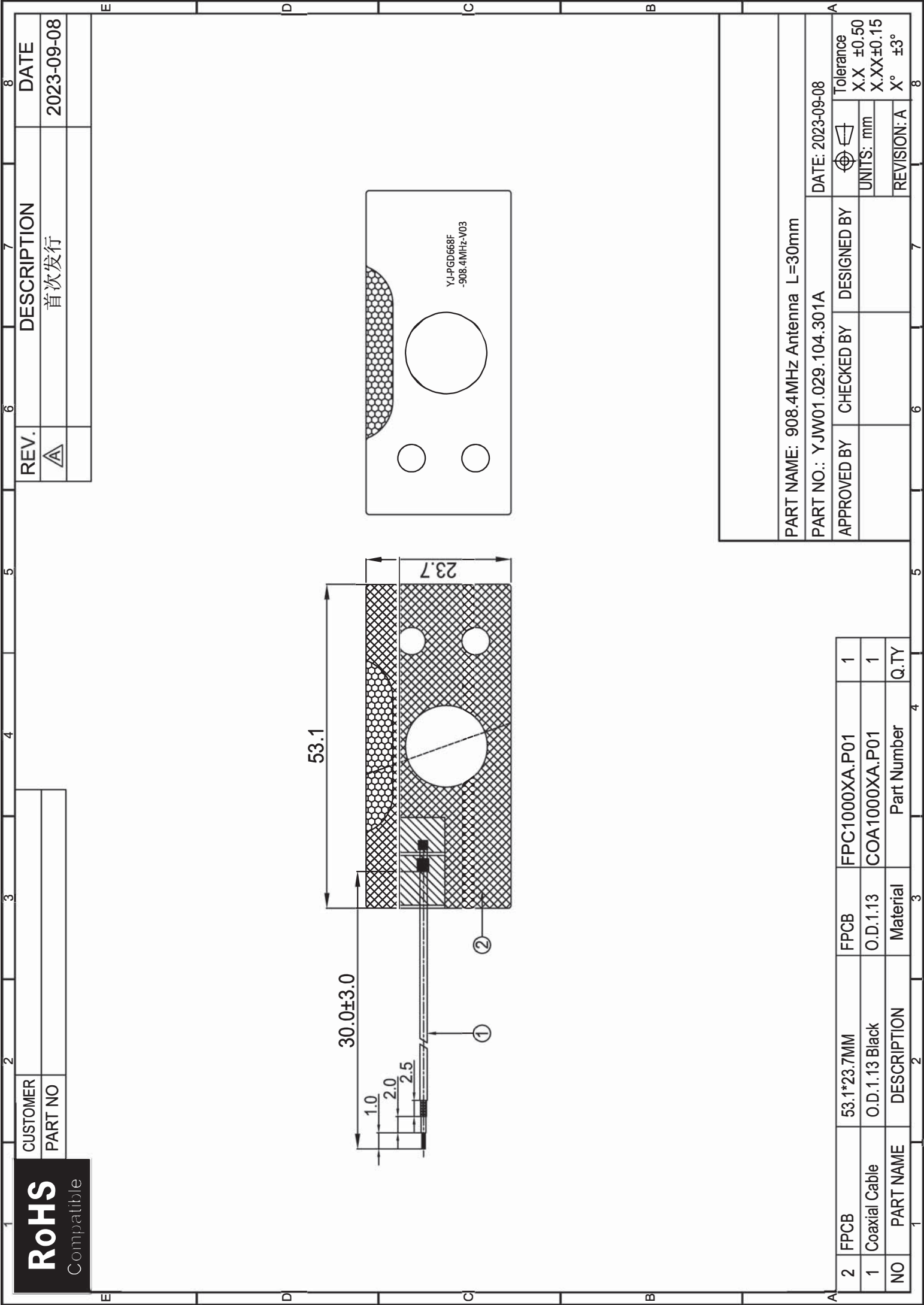
供方确认 SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
ChenGuoqiang	WenXue	ChenXingcheng

YJ-RD-F04-A

承认书项目表

NO .	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	天线规格 (Antenna Specification)	1	4
5	S参数测试 (S Parameter)	1	5
6	无源测试 (Passive Test)	1	6
7	天线装配图 (Antenna Profile)	1	7
8	材质证明 (Material Certificate)	34	8 ~ 41
9	RoHS报告 (RoHS Test Report)	**	**
10	N/A	N/A	N/A
11	-	-	-
12	-	-	-
13	-	-	-





RoHS
Compatible

CUSTOMER	
PART NO	

REV.	DESCRIPTION	DATE
A	首次发行	2023-09-08

2	FPCB	53.1*23.7MM	FPCB	FPC1000XA.P01	1
1	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA1000XA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY

PART NAME: 908.4MHz Antenna L=30mm				
PART NO.: YJW01.029.104.301A				
APPROVED BY	CHECKED BY	DESIGNED BY	DATE: 2023-09-08	
			UNITS: mm	Tolerance X.X ±0.50 X.XX±0.15 X° ±3°
			REVISION: A	

天线规格

Antenna Specification

Electrical Properties

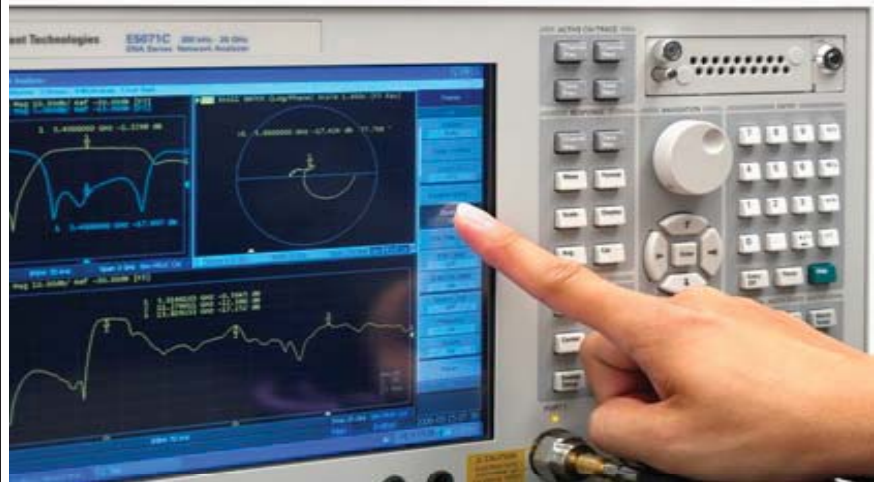
Frequency	908.4MHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	-1.0 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

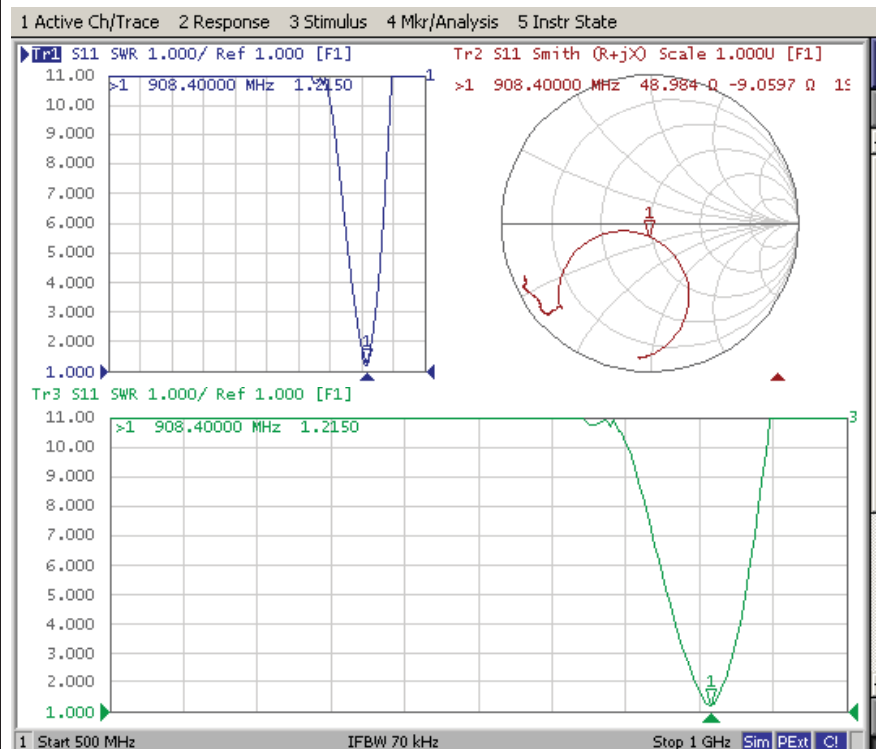
Connector	None
Cable Type	O.D.1.13mm
Cable Length	30mm
Cable Color	Black
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%

Antenna Performance Test

**Agilent
E5071B**



**S
Parameter
Test //
908.4
MHz
Antenna**



Passive Test For 908.4MHz

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
900	18.8	-7.3	-1.3
902	19.1	-7.2	-1.2
904	19.5	-7.1	-1.1
906	20.0	-7.0	-1.0
908	20.5	-6.9	-1.0
910	20.9	-6.8	-1.1
912	21.1	-6.8	-1.1
914	21.1	-6.8	-1.2
916	20.9	-6.8	-1.3
918	20.4	-6.9	-1.5
920	19.6	-7.1	-1.7

***908.4MHz
Antenna***

