



Dongguan YiJia Electronics Communication Technology Co.,Ltd.

SPECIFICATION FOR APPROVAL

Date	2023/05/26
File No	23052601
Revision	1.0

CUSTOMER: Guide Sensmart

CUSTOMER NO: ZG26

PART NAME: WIFI Antenna L=95mm MHF

SUPPLIER NO: YJT01.220.018.303A

Date: Q “TY:

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
 ChenGuoqiang	XieLi	LiaoGuangxi

YJ-RD-F04-A

add: Tel:0769-82586086 Fax:0769-82586086

RoHS
Compatible

CUSTOMER
PART NO

REV.

DESCRIPTION

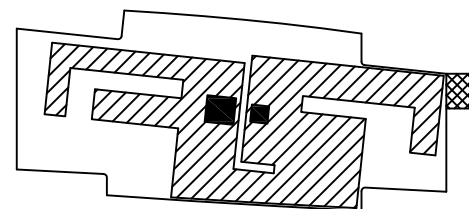
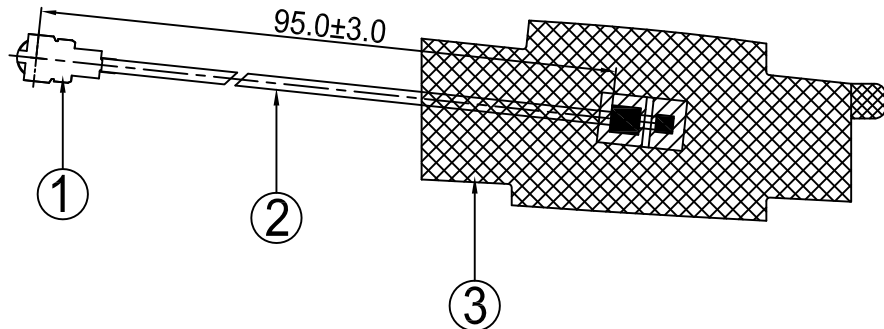
DATE

A

2023-04-13

B

2023-05-25



3	FPC	37.0*17.3mm	FPC	FPC11XXA.P01	1
2	Coaxial Cable	O.D.1.13 Black	O.D.1.13	COA100XXA.P01	1
1	Mini Connector		Cu	TER100XXA.P01	1
NO	PART NAME	DESCRIPTION	Material	Part Number	Q.TY



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PART NAME: WIFI Antenna L=95mm MHF

PART NO.: YJT01.220.018.301A

DATE: 2023-05-25

APPROVED BY

CHECKED BY

DESIGNED BY



Tolerance
X.X ±0.50
X.XX±0.15
X° ±3°

UNITS: mm

SCALE: 1/1

REVISION: B



Antenna Specification

Electrical Properties

Frequency	2.4-2.5GHz
Impedance	50 Ohm Nominal
V.S.W.R	2.0 Max
Gain	3.27 dBi
Radiation	Omni-directional
Polarization	Linear

Physical Properties

Connector	First generation IPEX
Cable Type	O.D.1.13mm
Cable Length	50mm
Cable Color	Gray
Operating Temp.	-40 ~ +85 °C
Storage Temp / Humidity	25±5°C / <70%



Passive Test For WiFi(2.4G)			
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	41.1	-3.9	3.02
2410	41.2	-3.9	2.82
2420	41.3	-3.8	2.95
2430	41.0	-3.9	3.12
2440	41.9	-3.8	3.27
2450	41.9	-3.8	3.22
2460	40.9	-3.9	2.78
2470	40.8	-3.9	2.65
2480	40.0	-4.0	2.79
2490	39.7	-4.0	2.85
2500	40.5	-3.9	2.99



Radiation Pattern For WiFi(2.4G)

2400.000MHz

