

SPECIFICATION FOR APPROVAL

CUST OMER: Shenzhen Ai-Thinker Technology Co., Ltd

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Shenzhen City, Guangdong Province.

CUS PART NO: PB-02

PART NAME: BT Antenna

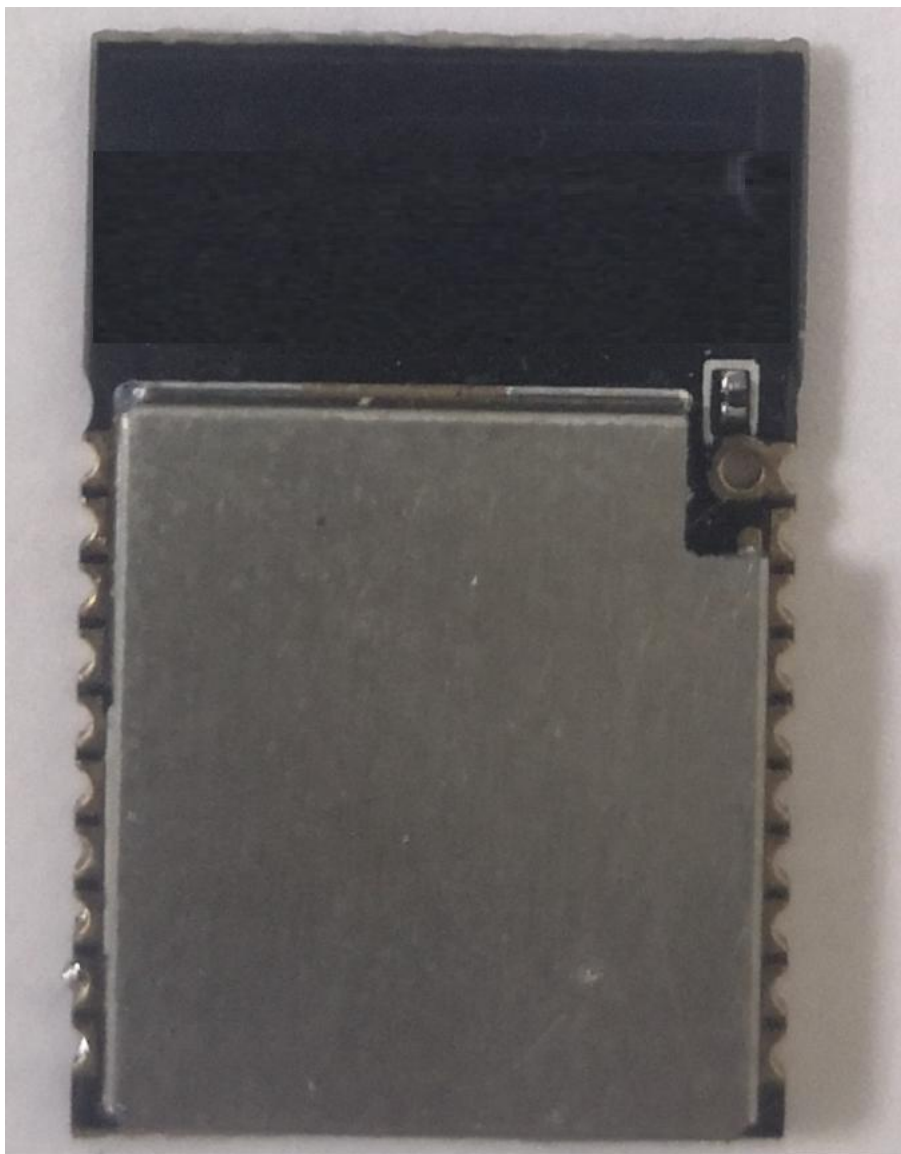
Edition: 1.0

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Product specification

1、Product picture



2、Performance parameter

Name	<u>BT Antenna</u>
Model Type	PCB Print Antenna
ELECTRICAL SPECTFICATIONS	
Frenquency Range	2400-2500MHz
Band Width	100MHz
Impedance	50 Ω

VSWR	< 2.0
Max Gain	1.71dBi
Polarization	Vertical/Horizontal
Radiation	Omnidirectional
Power	50 W
MECHANICAL SPECTFICATIONS	
Connector	Welding type
Working Temperature	-40°C - + 85°C
Limit Temperature	-40°C - + 125°C

3、VSWR



4、Passive test data:

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	1.24	1.34	1.53	1.48	1.60	1.71	1.54	1.44	1.42	1.11	1.06
Efficiency (%)	39.97	41.15	43.09	42.53	43.52	44.86	43.84	44.05	44.86	42.31	42.69

5、Radiation pattern

