BT FPC Antenna (MD067-R)

(1)

(2)

1. Explanation of Product Number

S 2 B 4 B B 1 F 1 B 0 0 2 0 0

(3)





(4)

(5)

Product Description:

(1) Product Categories:

B:BT Antenna

(2) Dimensions:

B1:12.12*9.04*0.15 (mm)

(3) Material:

F: FPC

(4) Working Frequencies:

1B: 2.4G-2.5G

(5) Antenna Series:

01: Serial number



Tolerances (Unless oth	nerwise specified)					
X: ± 1	0.1 X.XX: ± 0.01			_		
Angle: ±	Hole Dia. : ±	/ 深圳市迎丰天线技术有限公司				
-		SHEN ZHE	N YINGFENG ANTENNA TECHNOLOGY	CO.,LTD		
Scale :	Unit : mm	THIS SPECIFICATION	ON IS THE PROPERTY OF HINICTRON TEC	HNOLOCIES		
Drawn By : Andy Checked By : Simon		CORPORATION AN	THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL			
Designed By :Simon	Approved By :Simon	CIRCUMSTANCES	WITHOUT WRITTEN PERMISSION			
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TITLE:BT FPC Antenna(MD067-R)		NO.	S2B4BB1F1B00200	В		
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2. Features

- *Stable and reliable in performances
- *RoHS compliance
- *Low cost

3. Applications

*BT

4. Description

* YINGFENMG FPC antenna series are specially designed for 2.4G-2.5G band application. Based on YINGFENG proprietary designs and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

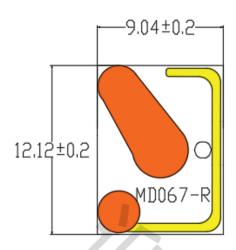
5. Antenna Electrical Specifications:

Characteristics		Spec	cificatio	ons		Unit
Outline Dimensions		12.12	2*9.04 *0	.15		mm
Frequency	X	24	00~2500)		MHz
Impedance			50			Ω
Polarization		Linea	r Polariza	ation		
Return Loss Table	Return Loss					
Freq.Band	2.4G	2.4G Hz 2.45G Hz			2.5G Hz	
dB	-16.98 -29.81			-17.34		
VSWR Table	VSWR					
Freq.Band	2.4G	Hz		2.45G Hz		2.5G Hz
	1.18 1.08			1.29		
GAIN Table		Total Gain = Xpol + Ppol				
Freq.Band	2400MHz	2450	MHz	2485MHz		2500MHz
Peak Gain(dBi)	1.51	1	72	1.69		1.23

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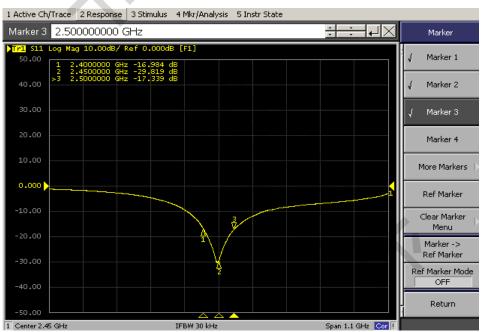
6. Dimensions (unit: mm)

blic errand: ±0.2mm



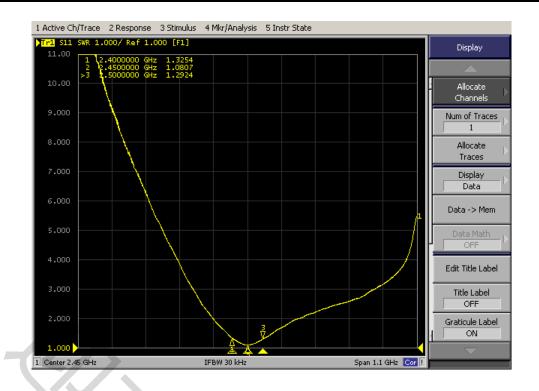
7. Measurement Characteristics:

(1) Return Loss

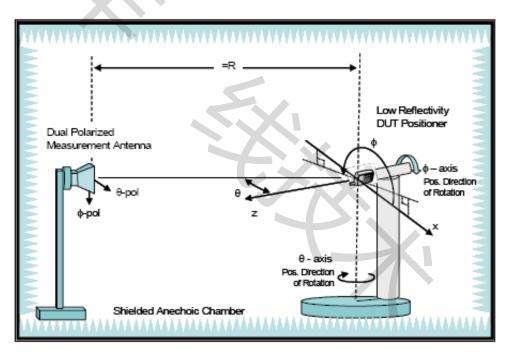


(2) VSWR

(Z) VOVI						
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Angle: ± Hole Dia.: ±		八 深圳市迎丰天线技术有限公司				
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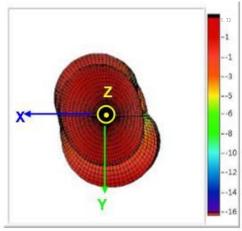
8. Three D Radiation Pattern measurements

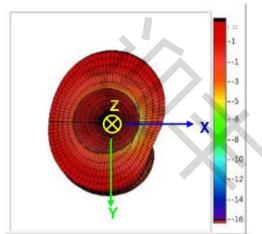


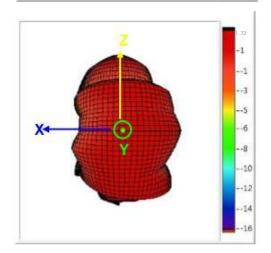
9. Radiation Pattern

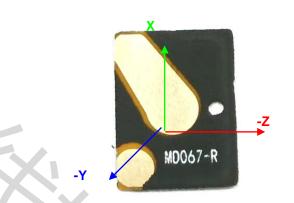
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9-1.3D Gain Pattern (Radiation Pattern at 2450 MHz)









9-2.2D Gain complete machine (Radiation Pattern at 2450 MHz)

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Tolerances (Unless other X: ± 1 X.X: ± 0	•	-3				

9-3.complete machine Efficiency Table

Frequency(MHz)	2400	2420	2450	2460	2480	2500
Efficiency (dB)	-2.22	-1.71	-2.09	-2.13	-2.24	-2.07
Efficiency (%)	30.9	32.3	36	35	29.18	26
Gain (dBi)	1.51	1.62	1.72	1.7	1.69	1.23

10-1 产品包装 Product packaging

版本 adition:: \/2.0	五知 Dogo: 1/1
版本 edition:: V2.0	页码 Page: 1/1
1.产品排版:20*9=180PCS	2.离型纸隔层摆放保护天线 Barrier paper
Projection of the Control of the Con	protection products
3.密封袋封装效果	4.纸箱封箱效果(贴出货标签和 ROHS 标签
Sealing bag packaging effect	Carton sealing effect
	CRADE AND

10-2.Revision Control:

Revision	Date	Content	Remark
Α	2024-7-17	New Issued.	N/A

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