



SMD CERAMIC ANTENNA

Data Sheet

YF3216C24595

For 2400-2484MHz
3.2x1.6mm [EIA1206]

Address : Room 412, Building 7, Phase II, Nanshan Cloud Valley Pioneer Park, No. 2,
Pingshan 1st Road, Pingshan Community, Taoyuan Sub-district, Nanshan District, Shenzhen



深圳市迎丰天线技术有限公司
SHEN ZHEN YINGFENG ANTENNA
TECHNOLOGYCO.,LTD

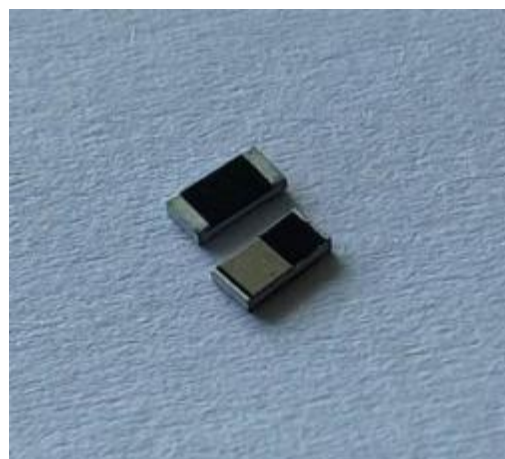


■ FEATURES

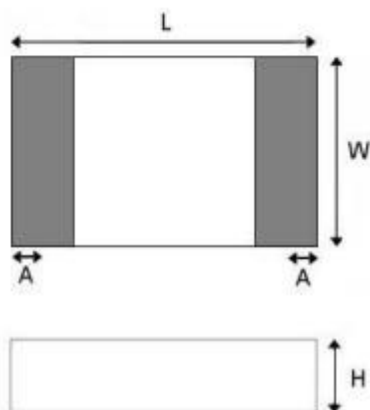
- Lightweight, compact
- Widebandwidth, lowcost
- Built-in antennawithhighgain

■ APPLICATIONS

- Bluetooth
- IEEE802.11g/b
- Zigbeesystems, etc...



■ SHAPES AND DIMENSIONS Dimensions in mm



L	W	A	H
3.2±0.10	1.6±0.10	0.40±0.20	0.50±0.10





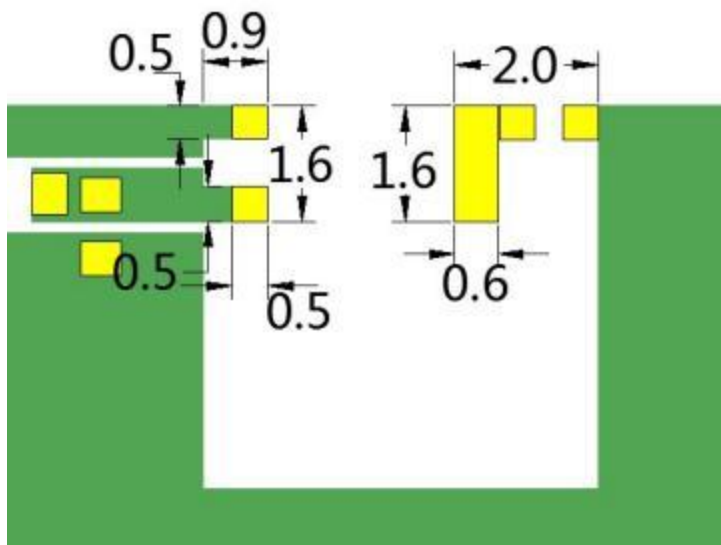
ELECTRIC SPECIFICATIONS

5-1. Electrical Table

Characteristics		Specifications	Unit
Outline Dimensions		3.2x1.6x0.5	mm
Working Frequency		2400~2500	MHz
VSWR		2 Max.	
Impedance		50	Ω
Polarization		Linear Polarization	
Gain	Peak	2.6 (typical)	dBi
	Efficiency	78 (typical)	%

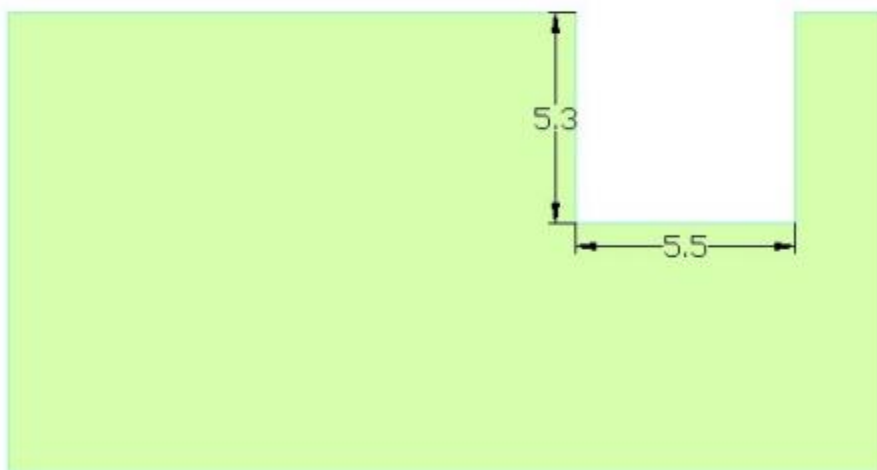
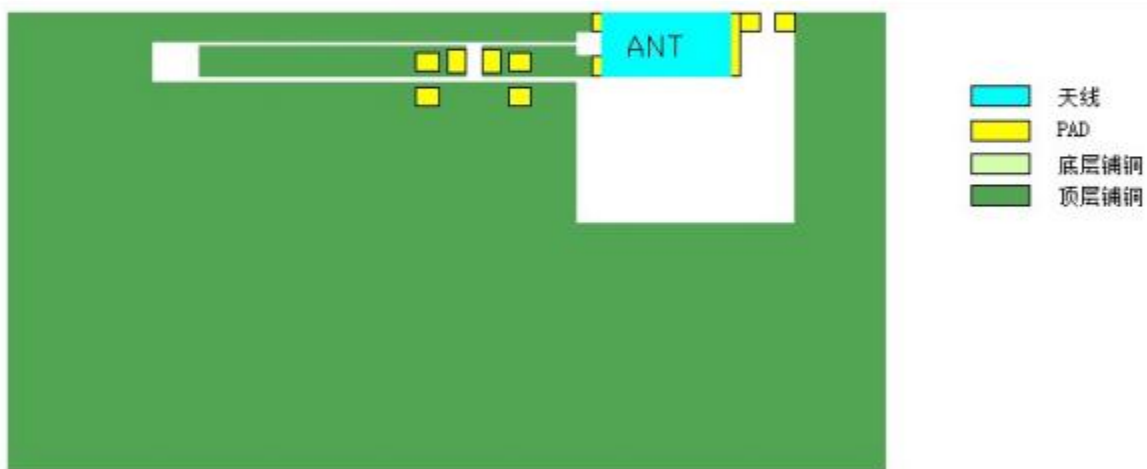
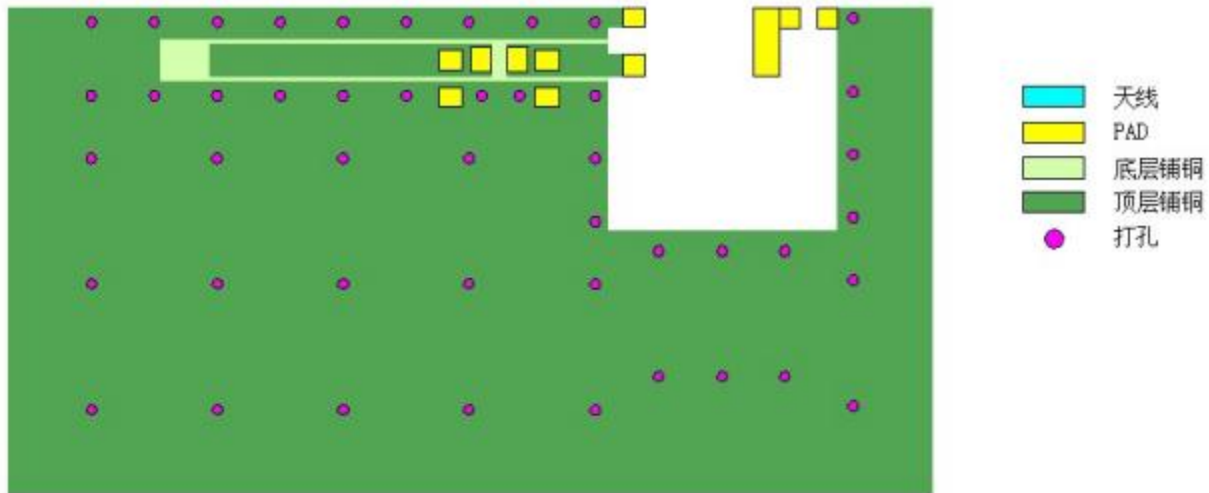
PART NUMBERING SYSTEM

YF	3216	C245	95
Company	Size	Frequency	Customer ID





EVALUATION BOARD

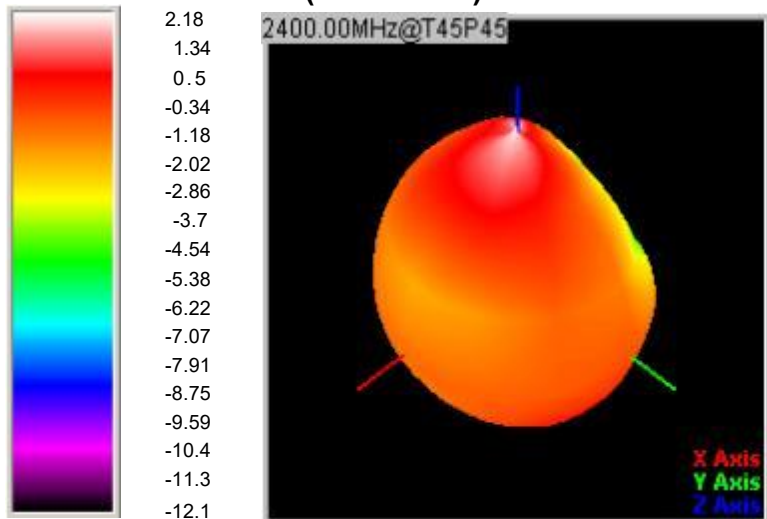




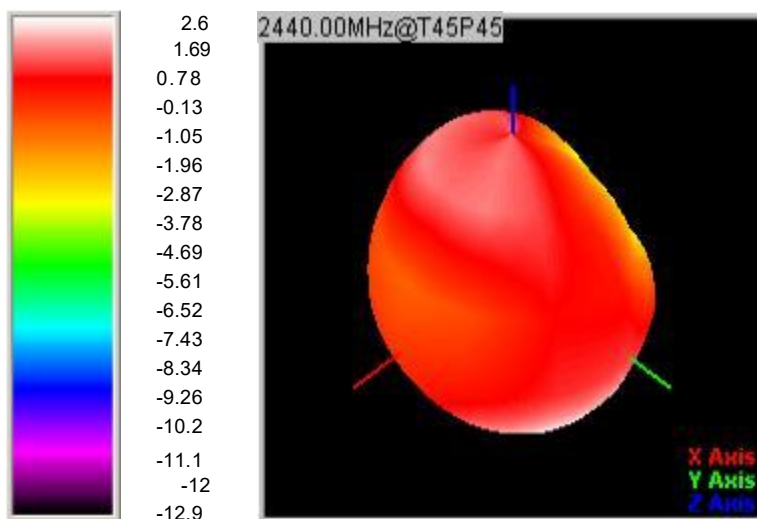
RADIATION PATTERNS

2.4GHz WLAN BAND

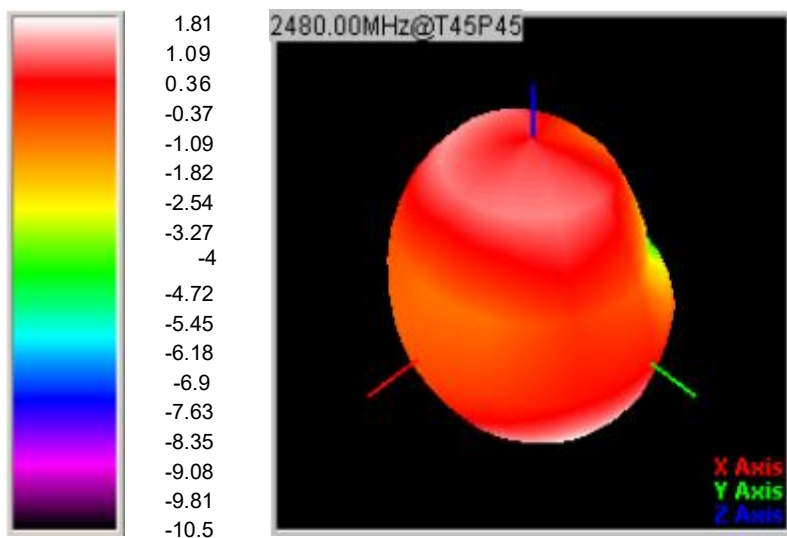
3D Gain Pattern (2400 MHz)



3D Gain Pattern (2400 MHz)



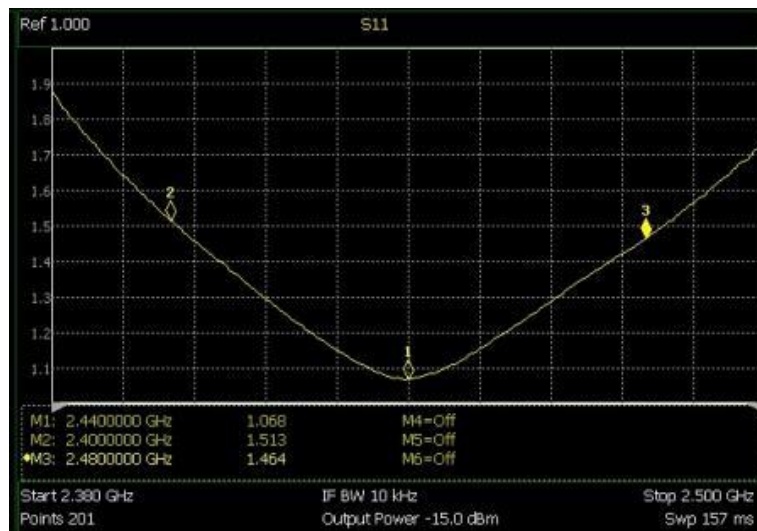
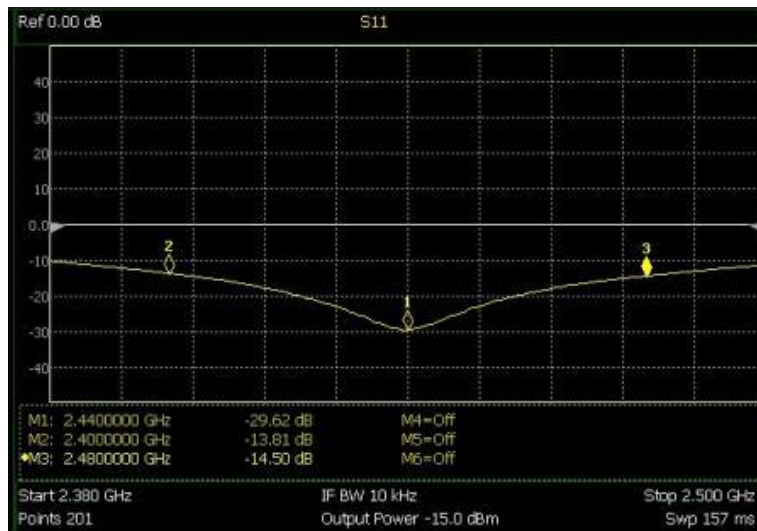
3D Gain Pattern (2480 MHz)





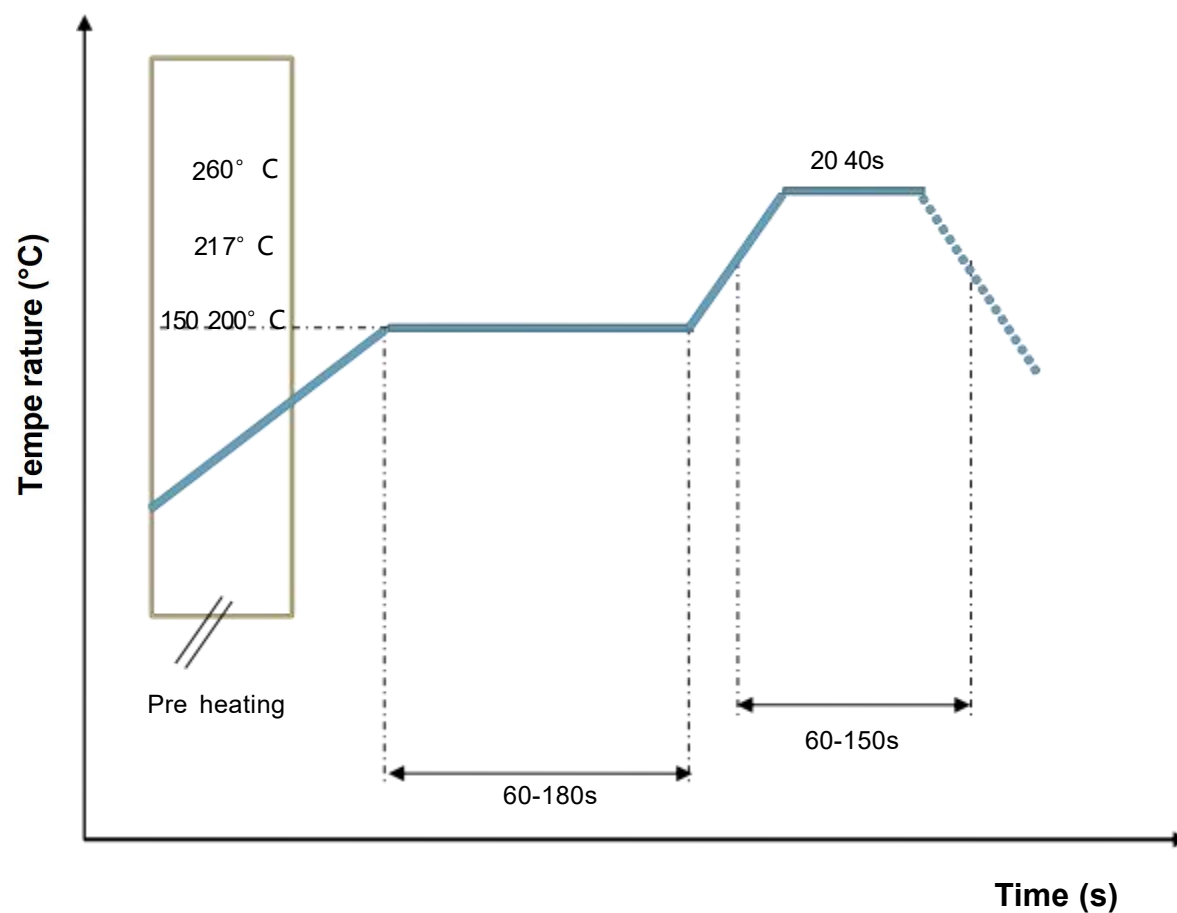
FREQUENCY CHARACTERISTICS

EFFICIENCY AND VSWR





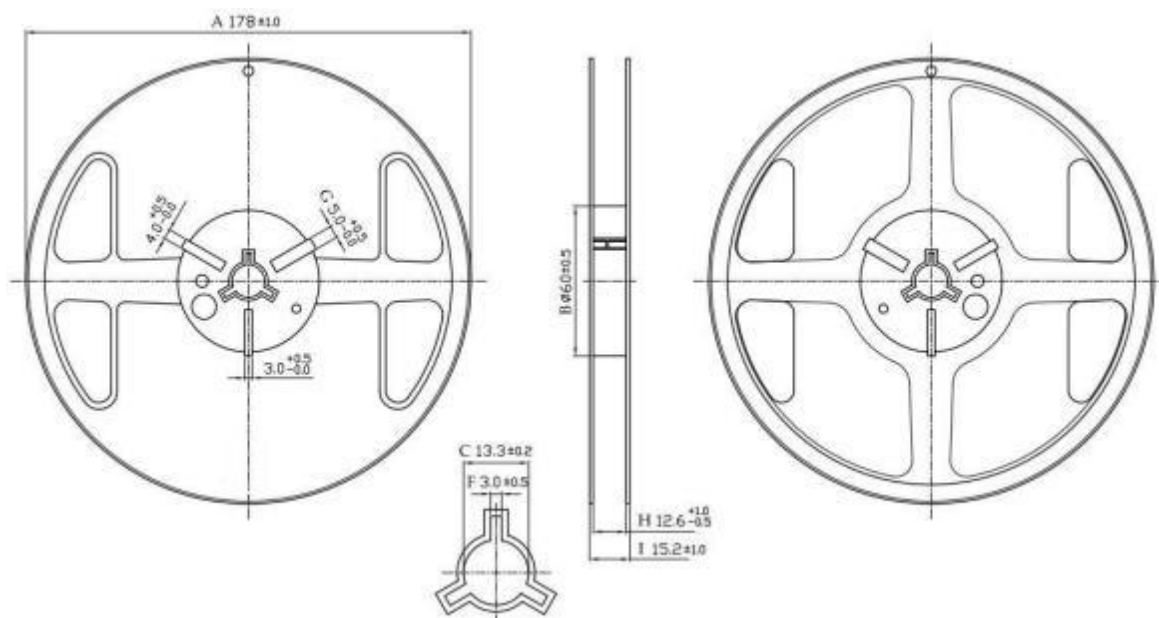
RECOMMENDED REFLOW PROFILE



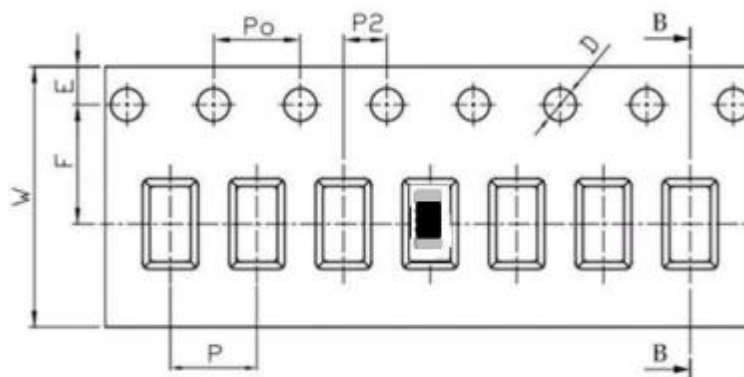


■ PACKAGING STYLE

□ REEL DIMENSIONS



□ TAPE DIMENSIONS



Feature	Specifications	Tolerances
W	8.00	±0.30
P	4.00	±0.10
E	1.75	±0.10
F	3.50	±0.10
P2	2.00	±0.10
D	1.50	+0.10 -0.00
Po	4.00	±0.10
10Po	40.00	±0.20

Typing Quantity: 5000 pieces per 7" reel

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