

SMD CERAMIC ANTENNA

Data Sheet

KH-3216-31-L

For 2400-2484MHz

3.2x1.6mm [EIA1206]

SHENZHEN CSCURVE ANTENNA TECHNOLOGY CO., LTD.

特征 Feature

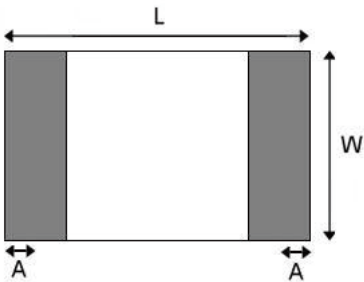
- 重量轻，结构紧凑
Light weight, compact
- 宽带大，低成本
Wide bandwidth, low cost
- 高增益内置天线
Built-in antenna with high gain



■ 应用 Application

- 蓝牙技术Bluetooth
2.4GHz频段 IEEE802.11g/b
- 齐格比系统
Zigbee systems
- 其它etc...

■ 形状和尺寸(单位: mm)
Shapes And Dimensions Dimensions in mm

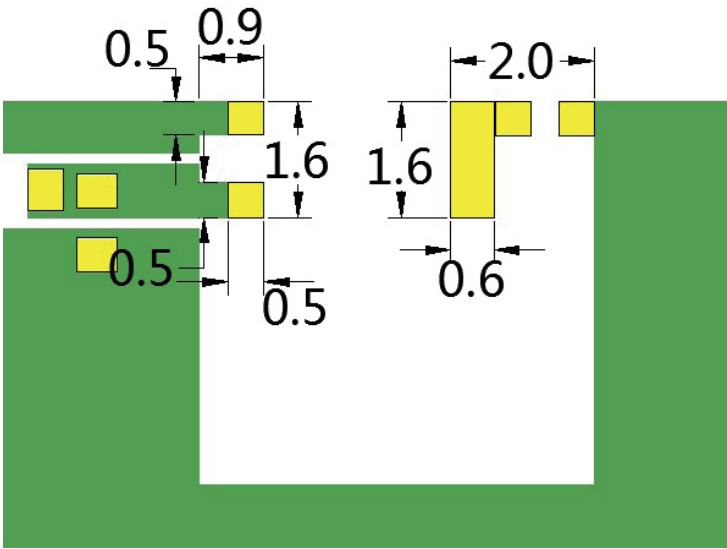


L	W	A	H
3.10±0.10	1.55±0.10	0.40±0.20	0.55±0.1

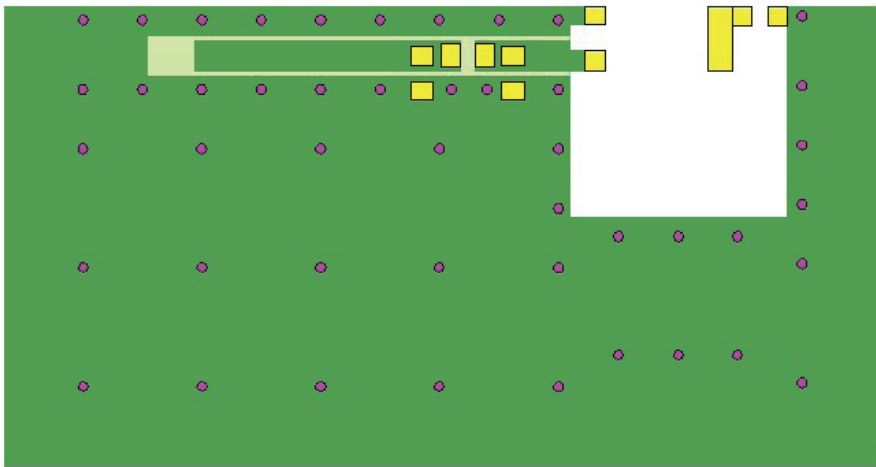


电气特性 Electrical Characteristics per line(TA= 25°C)

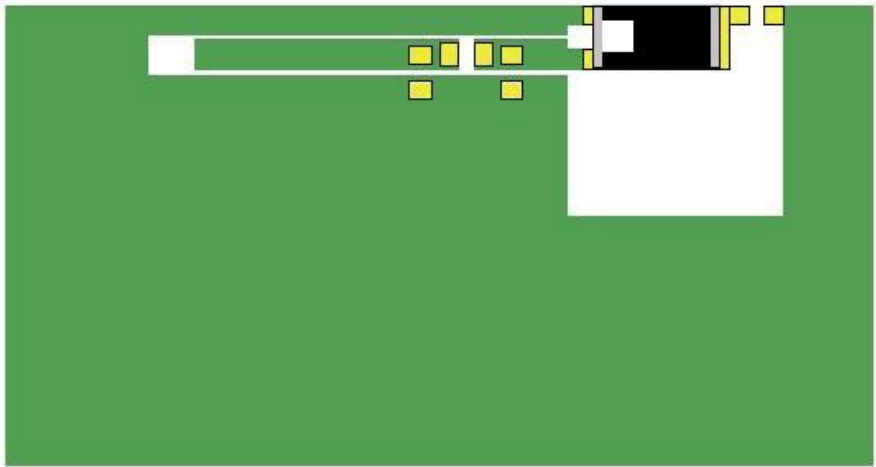
参数Parameter	规格Specification	单位Units
频带 Frequency Band	2400~2483	MHz
极化 Polarization	线极化	
*最大增益 Peak Gain	2.67	dBi
*效率 Efficiency	72.30	%
阻抗 Impedance	50	Ω



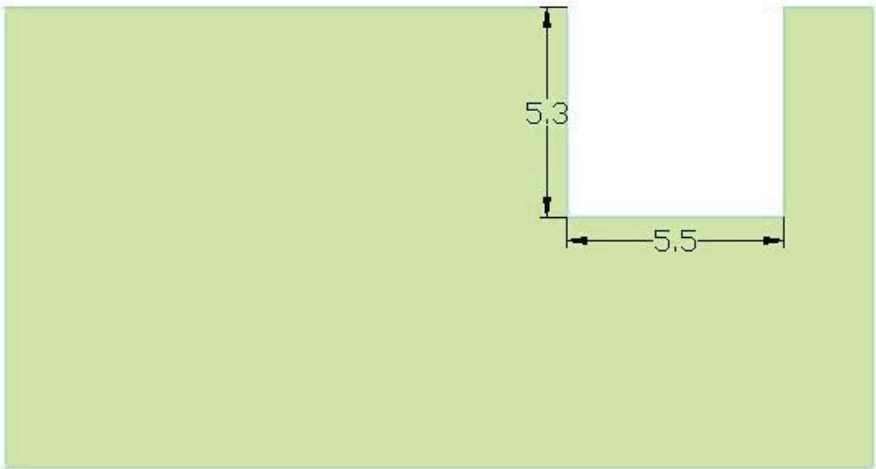
■ 评价板 Evaluation Board



- 天线
- PAD
- 底层铺铜
- 顶层铺铜
- 打孔



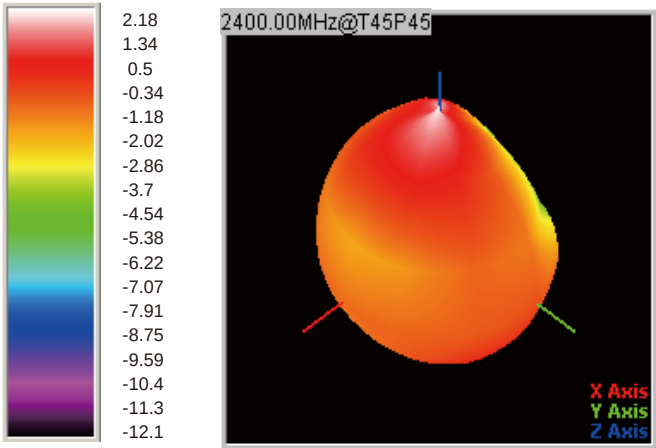
- 天线
- PAD
- 底层铺铜
- 顶层铺铜



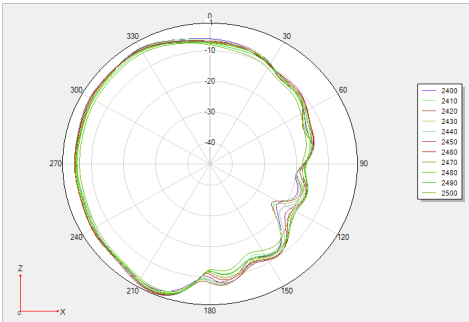
■ 辐射模式 Radiation Patterns

□ 2.4GHz WLAN BAND

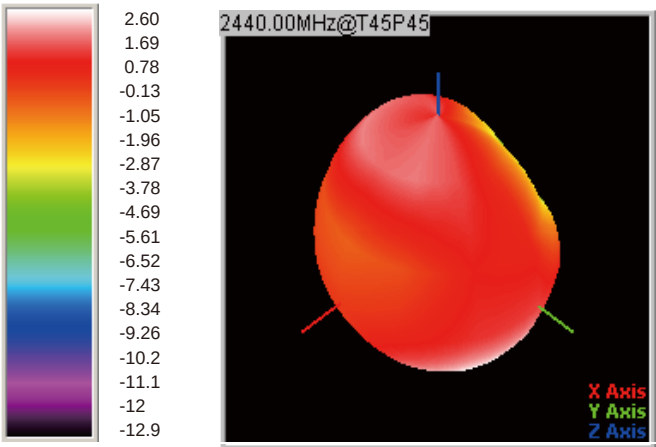
⊙ 3D Gain Pattern (2400 MHz)



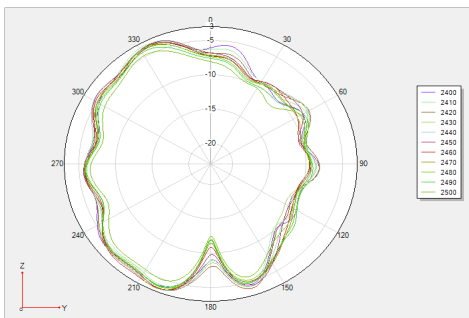
⊙ 2D Gain Pattern Phi 0



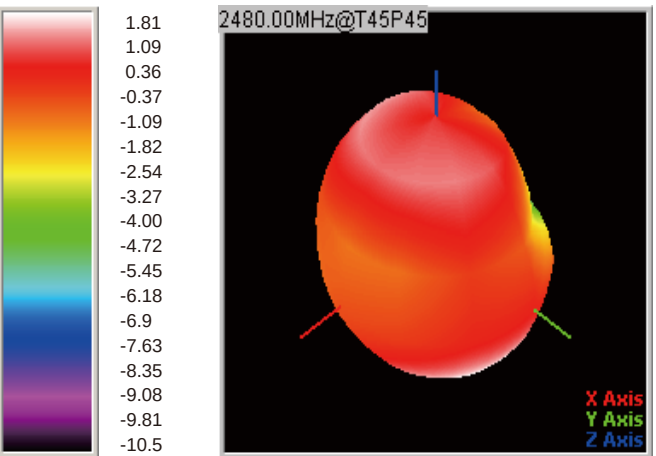
⊙ 3D Gain Pattern (2440 MHz)



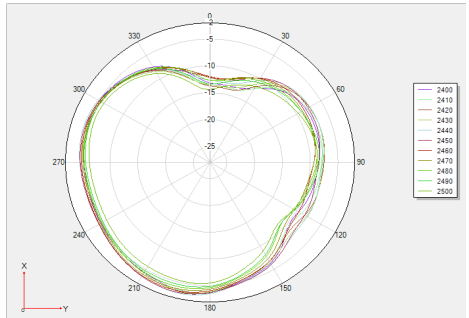
⊙ 2D Gain Pattern Phi 90



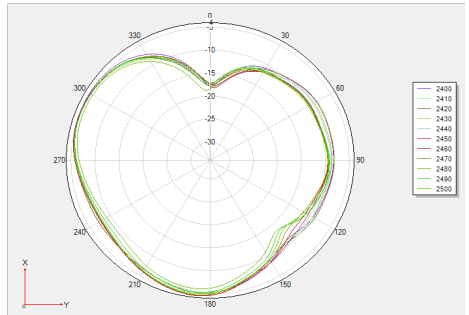
⊙ 3D Gain Pattern (2480 MHz)



⊙ 2D Gain Pattern Theta 60

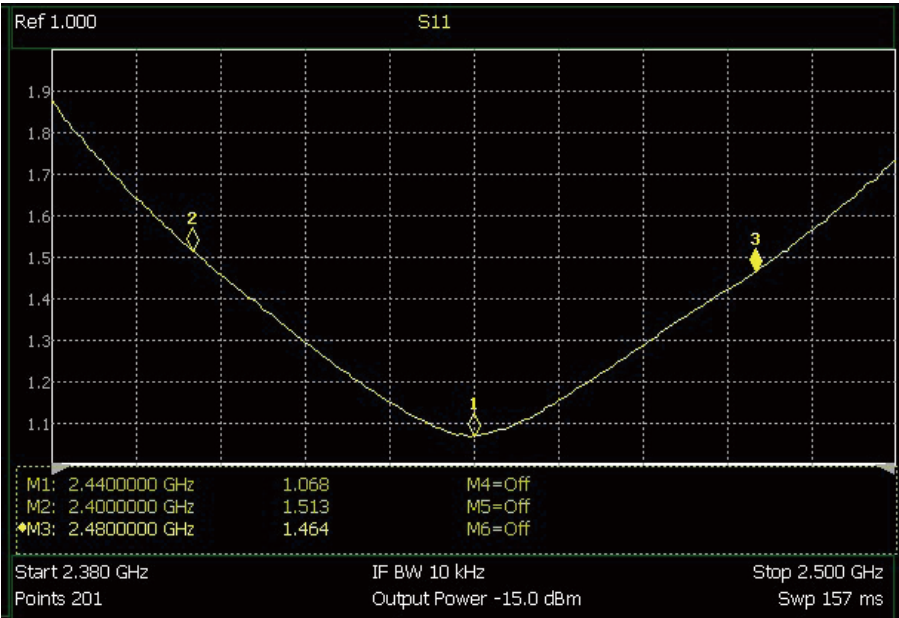
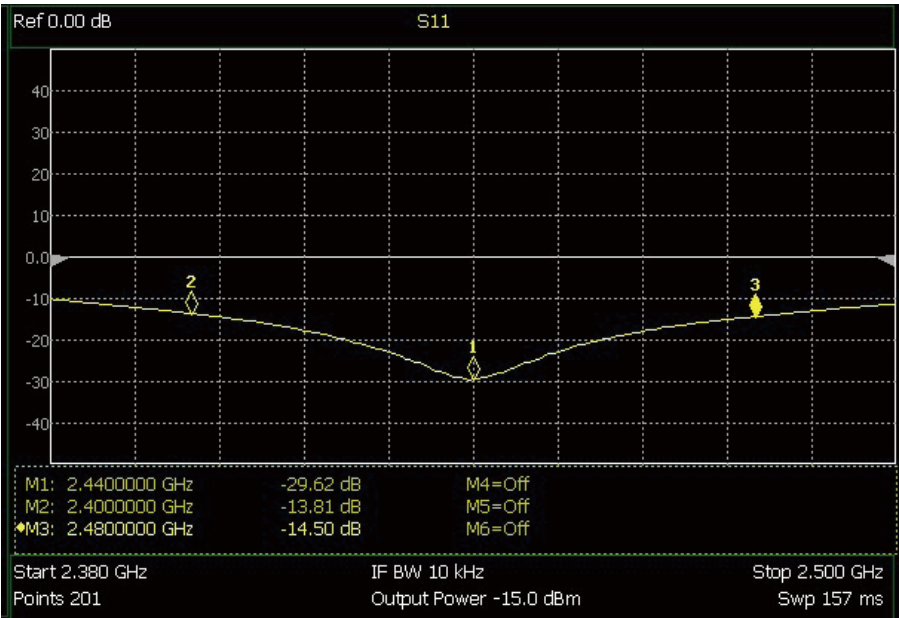


⊙ 2D Gain Pattern Theta 90

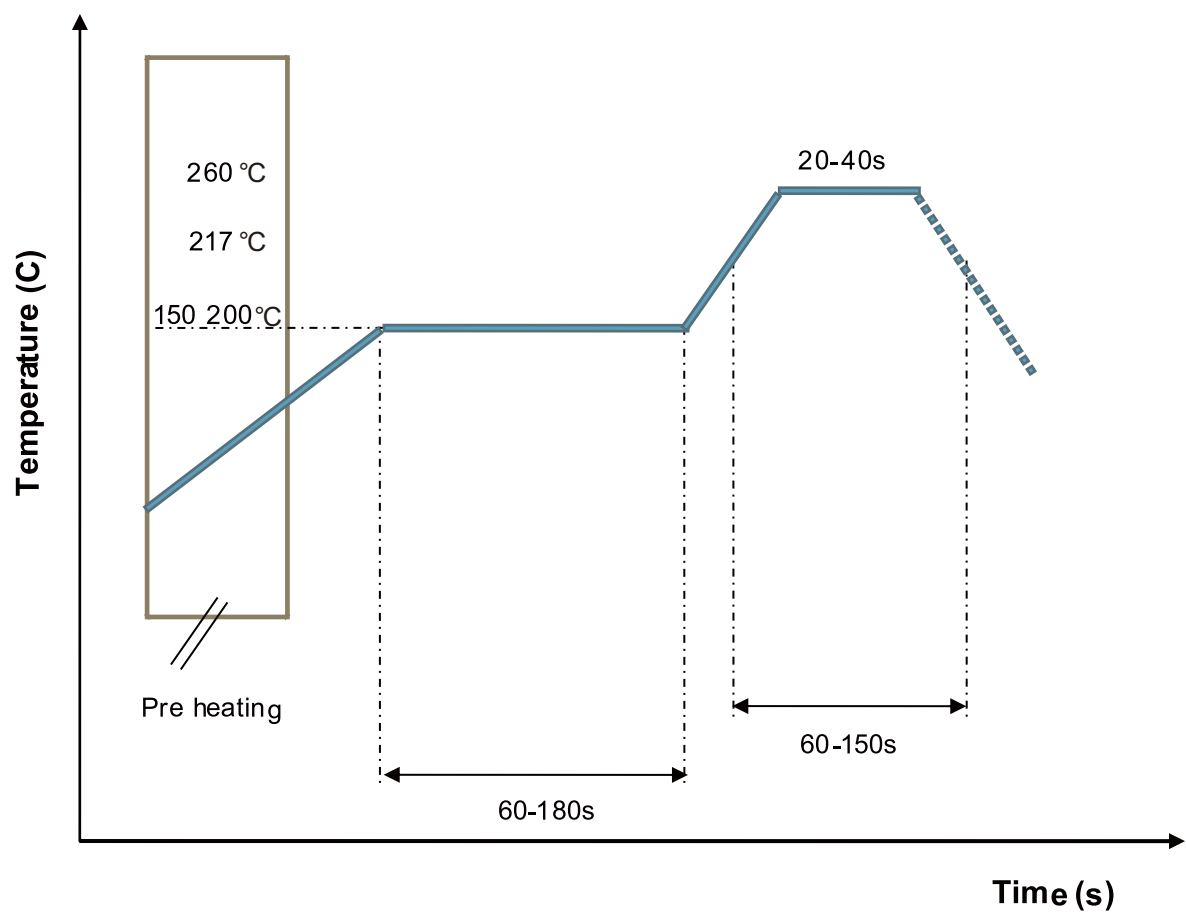


■ 频率特性 Frequency Characteristics

□ EFFICIENCY AND VSWR

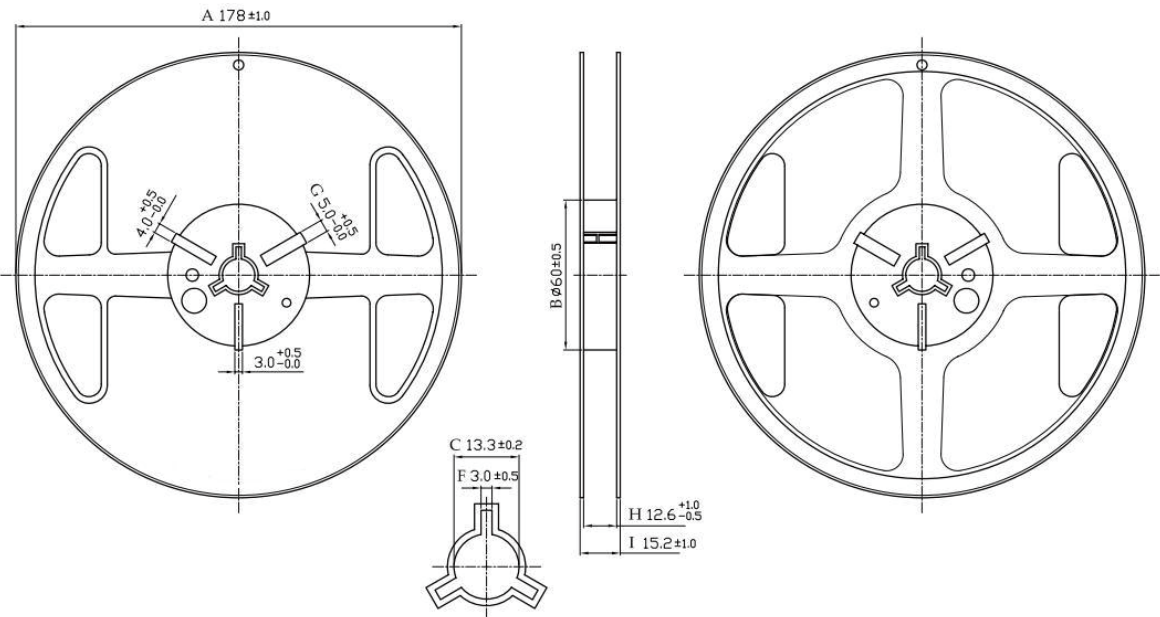


■ 推荐回流剖面
RECOMMENDED REFLOW PROFILE

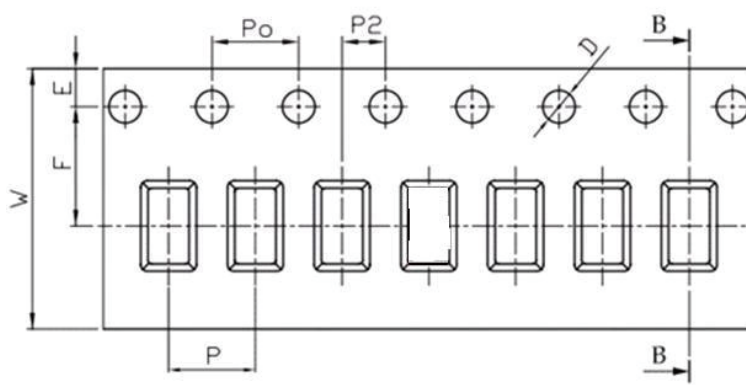


■ 包装形式 Packaging Style

□ REEL DIMENSIONS



□ 胶带尺寸 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

数量Quantity:5000pieces per 7 reel