

SMD CERAMIC ANTENNA

Data Sheet

CS-2450-31-L

For 2400-2484MHz

3.2x1.6mm [EIA1206]

Manufacturer Shenzhen Kewei New Technology Co., Ltd.

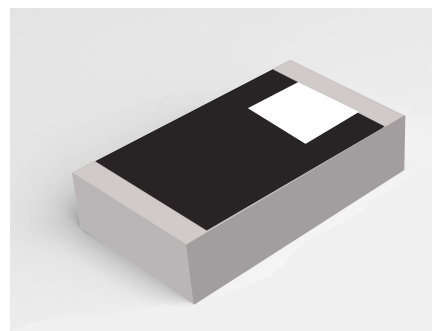
制造商 深圳市可为新技术有限公司

Address 305, 3rd Floor, Building C, Xintang Smart Park, No. 11, Zhongxing Road,
Bantian Street, Longgang District, Shenzhen City, Guangdong Province

地址 广东省深圳市龙岗区坂田街道中兴路11号新塘智慧园C栋3层305

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

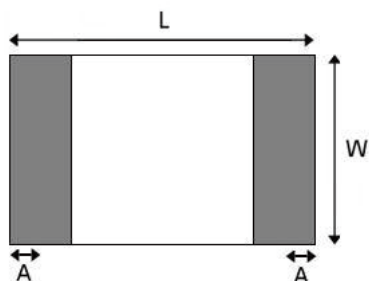


应用 Application

- 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

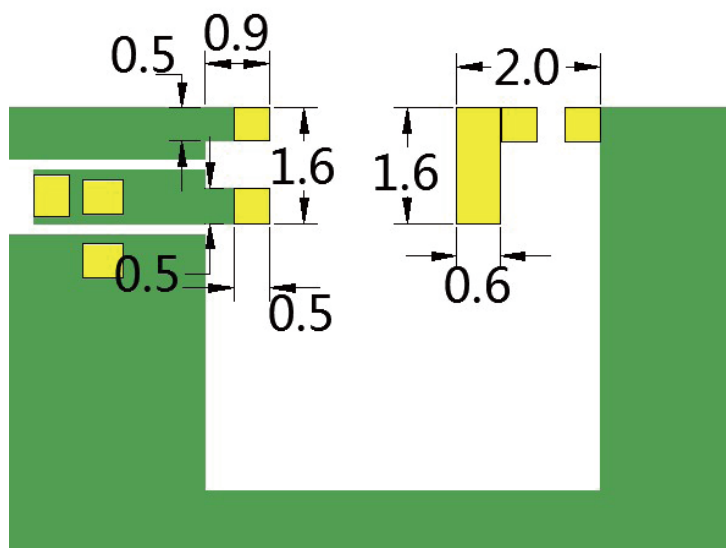


电气特性 Electrical Characteristics per line(TA= 25°C)

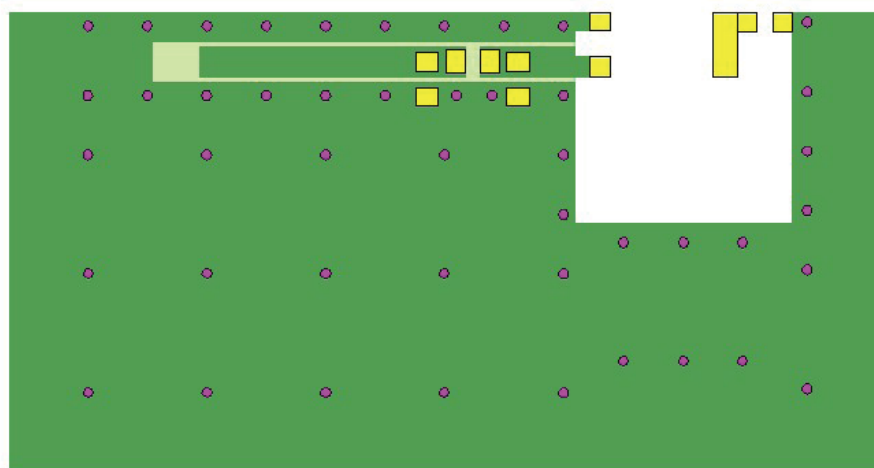
参数Parameter	规格Specification	单位Units
频带 Frequency Band	2400~2483	MHz
极化 Polarization	线极化	
*最大增益 Peak Gain	2.58	dBi
*效率 Efficiency	72.30	%
阻抗 Impedance	50	Ω

■ 编码 Part Numbering System

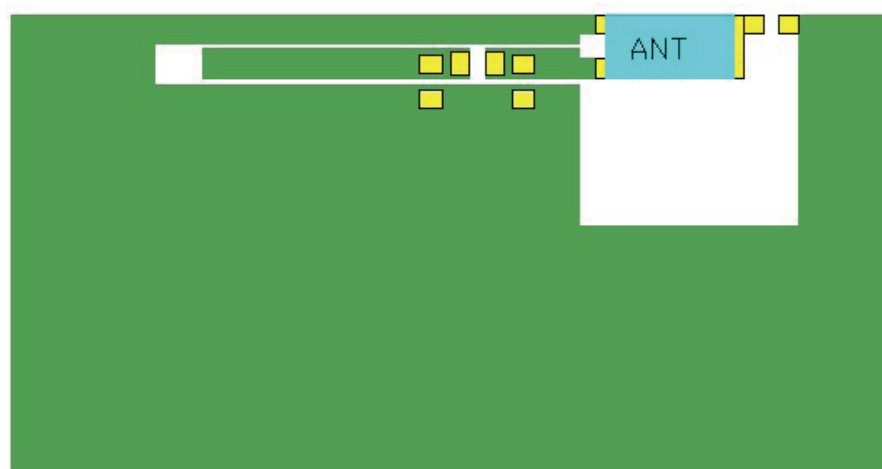
CS - 2450 - 31 - L
 Material Frequency Size Type



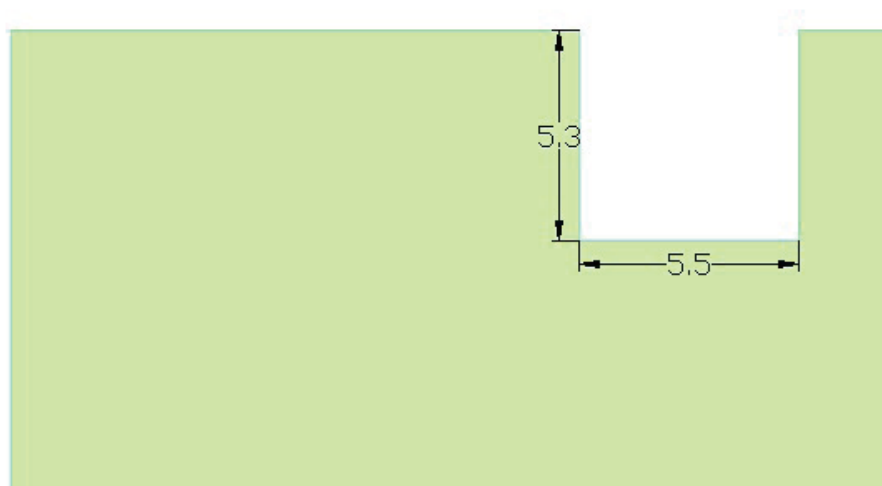
■ 评价板 Evaluation Board



- 天线
- PAD
- 底层铺铜
- 顶层铺铜
- 打孔

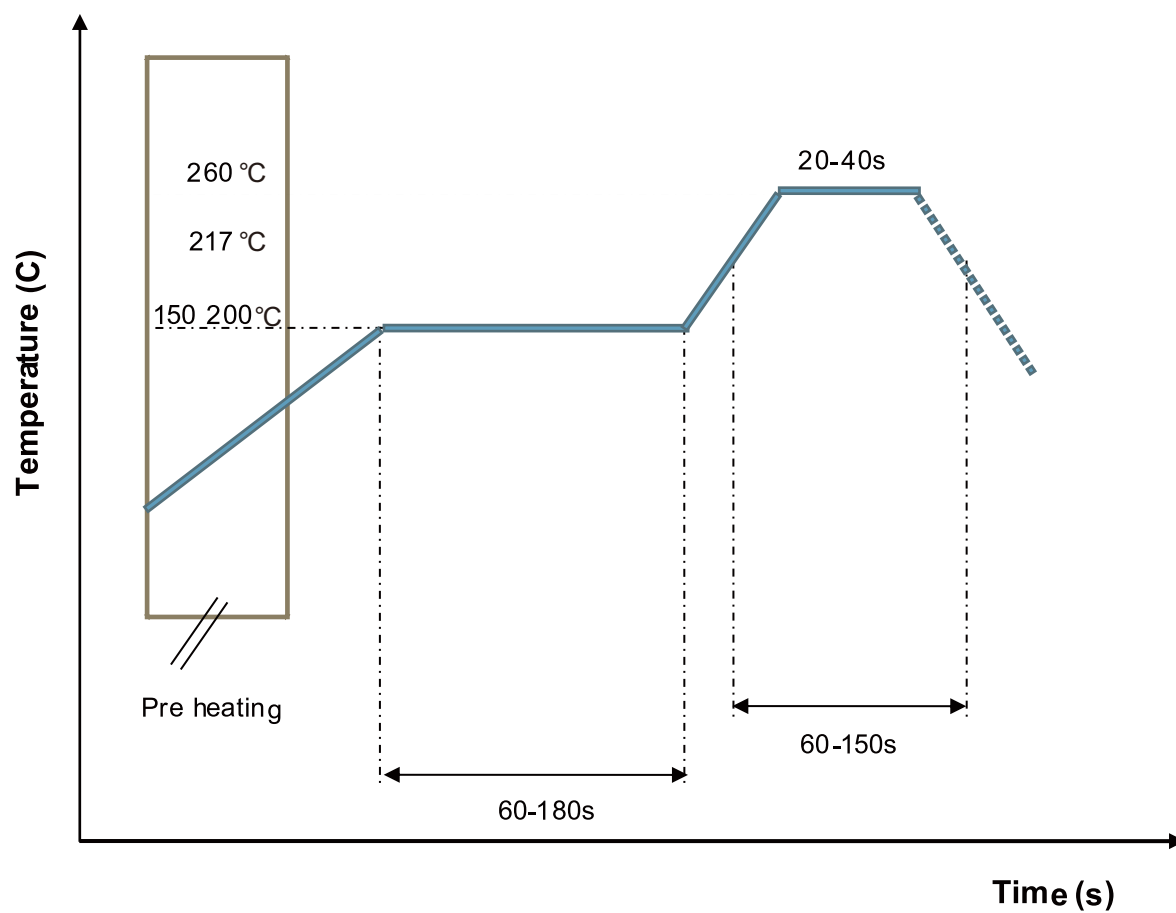


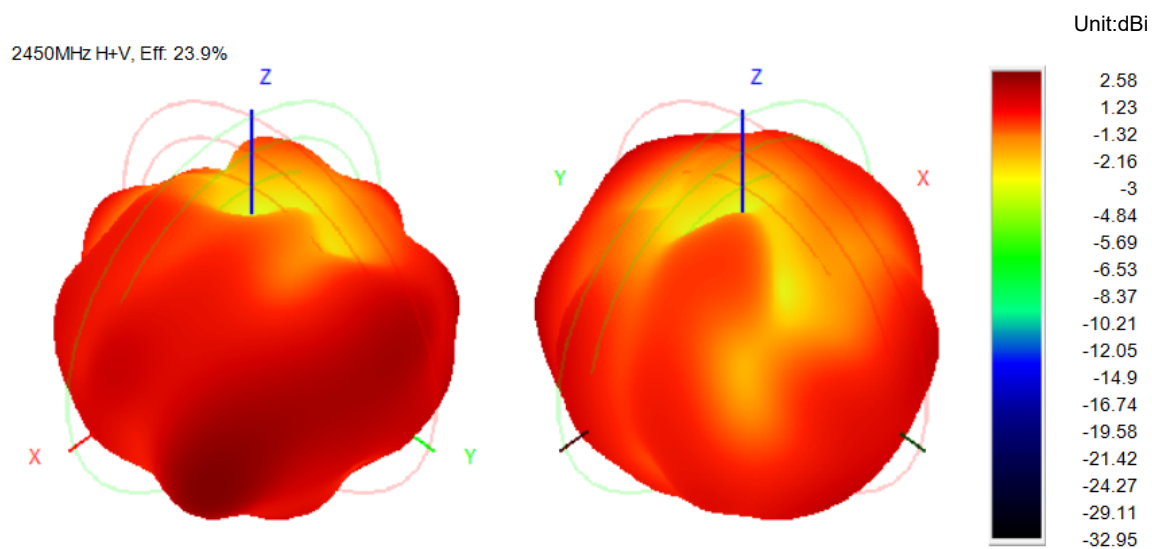
- 天线
- PAD
- 底层铺铜
- 顶层铺铜



■ 推荐回流剖面

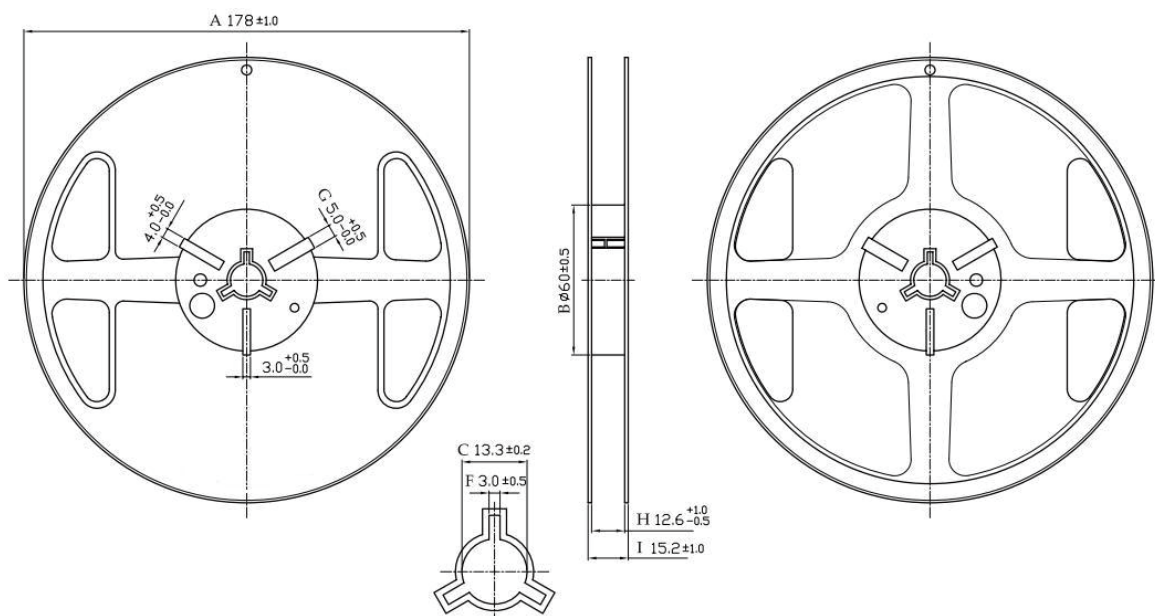
RECOMMENDED REFLOW PROFILE



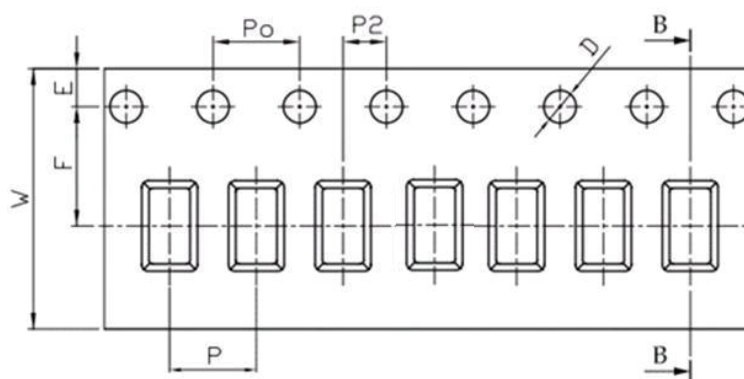


■ 包装形式 Packaging Style

□ 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
P0	4.00	±0.10
10P0	40.00	±0.20

数量Quantity:5000pieces per 7 reel