



SMD CERAMIC ANTENNA

Data Sheet

CA-2450-31

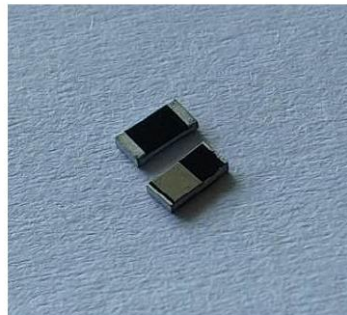
For 2400-2484MHz
3.2x1.6mm [EIA1206]

■ FEATURES

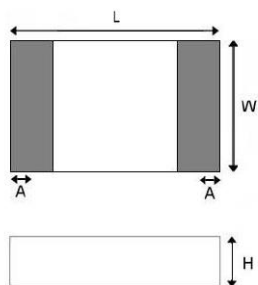
- Light weight,compact
- Wide bandwidth,lowcost
- Built-in antenna with high gain

■ APPLICATIONS

- Bluetooth
- IEEE802.11g/b
- Zigbee systems,etc...



■ SHAPES AND DIMENSIONS Dimensions in mm



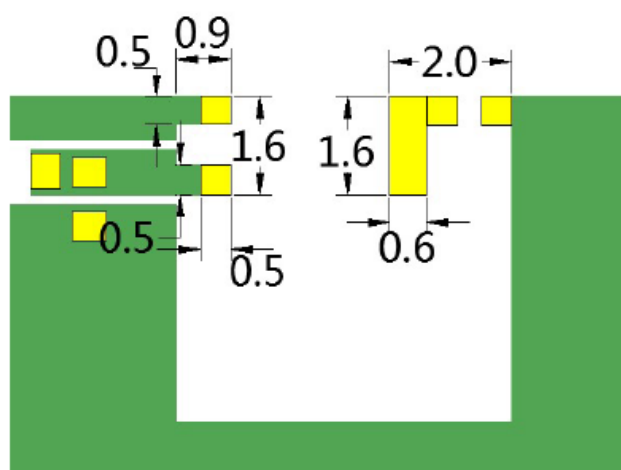
L	W	A	H
3.10±0.10	1.55±0.10	0.40±0.20	0.50±0.10

ELECTRIC SPECIFICATIONS

Product type	CA-2450-31
Center Frequency Range	2450MHZ
Input Impedance	50 Ω
Gain	2.6dBi

PART NUMBERING SYSTEM

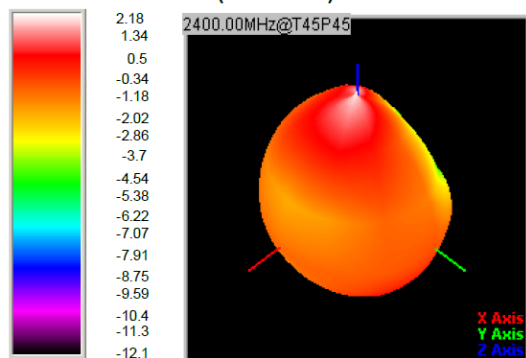
CA - **2450** - **31** - **A**
Material Frequency Size Type



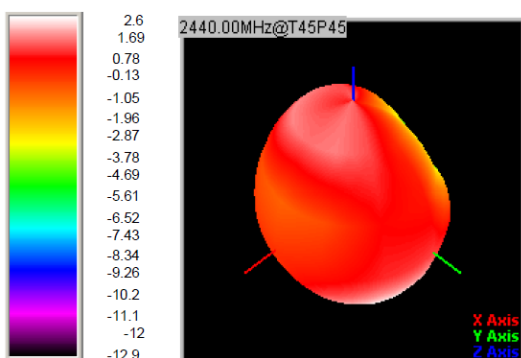
■ RADIATION PATTERNS

□ 2.4GHz WLAN BAND

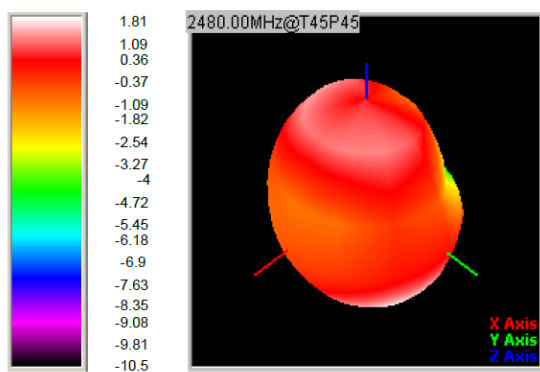
◎ 3D Gain Pattern (2400 MHz)



◎ 3D Gain Pattern (2440 MHz)



◎ 3D Gain Pattern (2480 MHz)



■ FREQUENCY CHARACTERISTICS

□ EFFICIENCY AND VSWR

