



## **SMD CERAMIC ANTENNA Data Sheet**

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# **CA-2450-31**

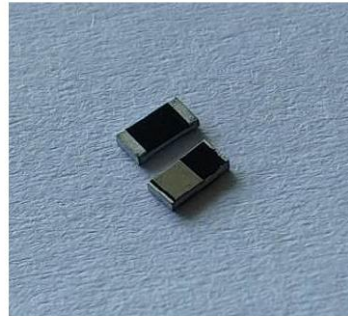
For 2400-2484MHz  
3.2x1.6mm [EIA1206]

■ FEATURES

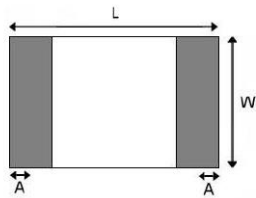
- Light weight,compact
- Wide bandwidth,lowcost
- Built-in antenna with high gain

■ 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

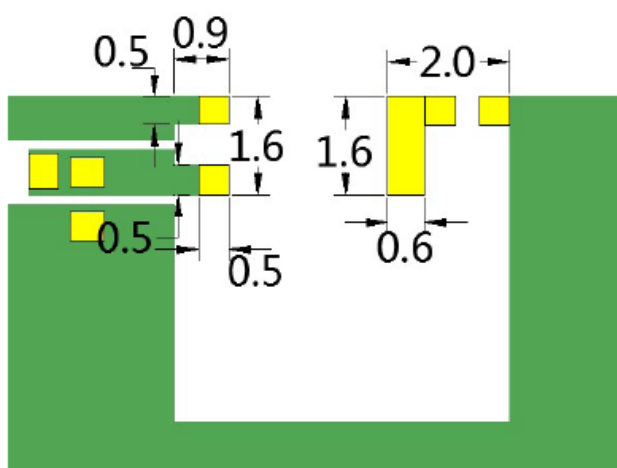


**ELECTRIC SPECIFICATIONS**

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

**PART NUMBERING SYSTEM**

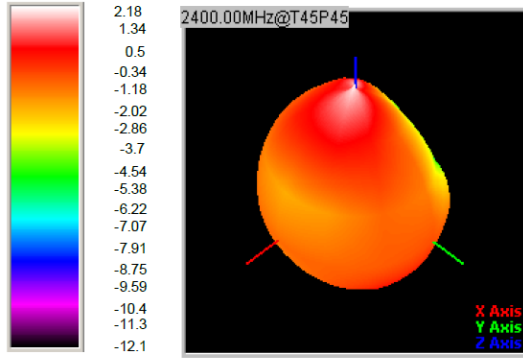
**CA**   -   **2450**   -   **31**   -   **A**  
 Material                      Frequency                      Size                      Type



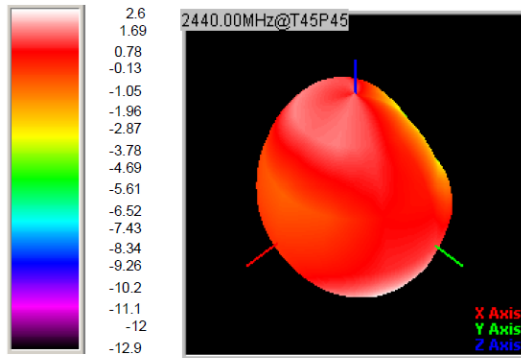
■ RADIATION PATTERNS

□ 2.4GHz WLAN BAND

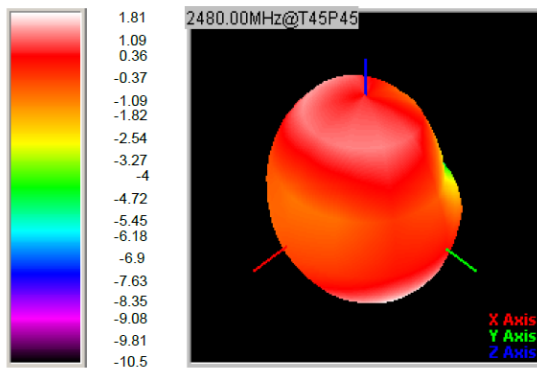
© 3D Gain Pattern (2400 MHz)



© 3D Gain Pattern (2440 MHz)



© 3D Gain Pattern (2480 MHz)



**FREQUENCY CHARACTERISTICS**

EFFICIENCY AND VSWR

