

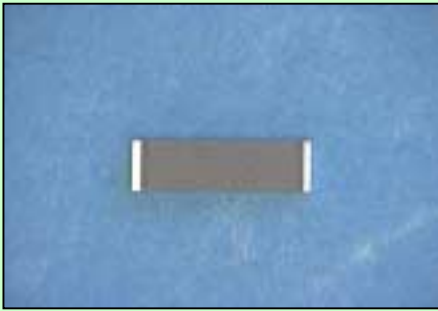
Dielectric Chip Antenna *(Preliminary)*

P / N : MAC2450AAE01

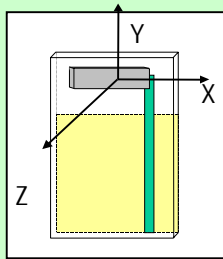
**Application : Bluetooth,
2.4GHz Wireless-LAN**

Features:

1. **Small size: 0.02cc**
2. **Light weight: 0.10g**
3. **Wide band, High gain**
4. **Surface Mountable (SMD)**

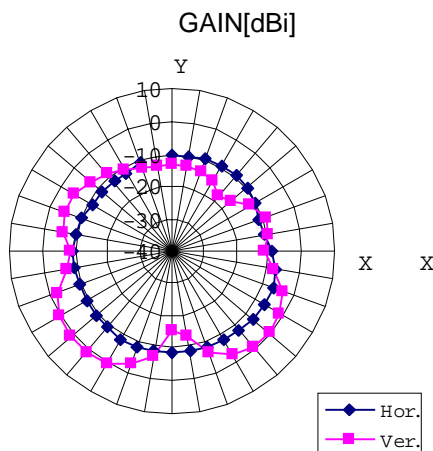


CHIP SIZE : 8.0 x 2.5 x 1.0 mm

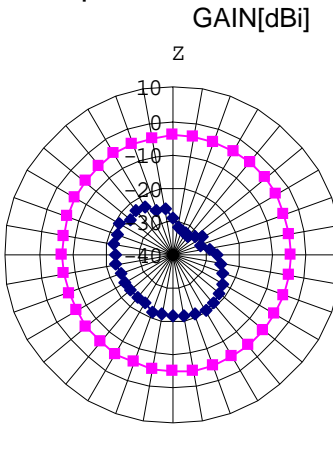


Directivity

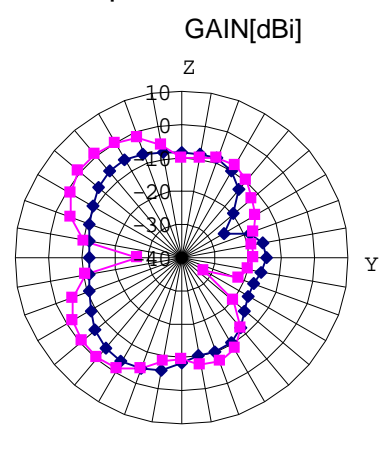
XY - plane



ZX - plane



YZ - plane



Electrical Characteristics

| | Center Freq. [MHz] | B.W. [MHz] | | V.S.W.R. [-] | Max. Gain [dBi] | Impedance [Ω] |
|-------|-----------------------|------------|--------|-------------------|----------------------|---------------------------|
| | | VSWR=2 | VSWR=3 | | | |
| Spec. | [2450] | 100 | --- | 2.0 max. | --- | [50] |
| Typ. | (2450) | 134 | 260 | 1.3 | 1.1 | (50) |

- All the technical data and information contained herein are subject to change without prior notice.