

## Dielectric Chip Antenna *(Preliminary)*

**P / N : MAC2450AAA01**



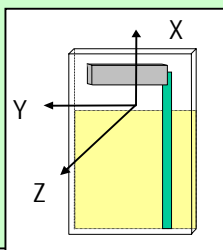
CHIP SIZE : 12.0 x 2.5 x 0.7 mm

**Application : Bluetooth,  
2.4GHz WLAN, etc.**

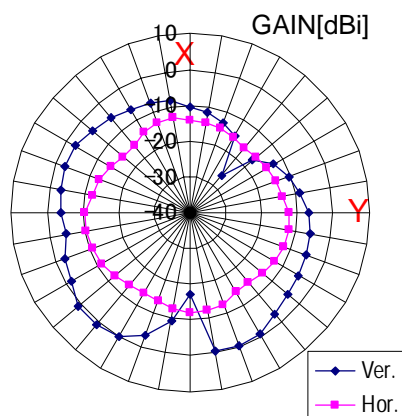
### Features

1. Small size - Light weight  
( 0.002 cc , 0.08g )
2. Wide band - High gain
3. Surface Mountable (SMD)

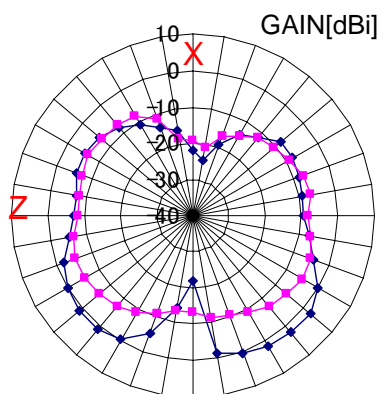
### Directivity



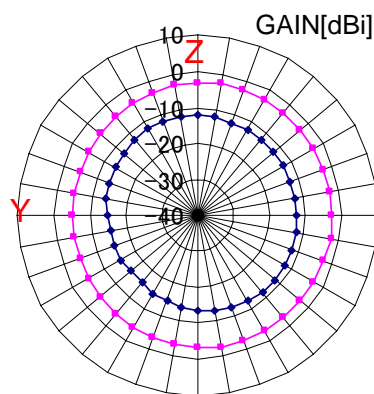
XY - plane



ZX - plane



YZ - plane



### Electric characteristics

	Center Freq. [MHz]	B.W. [MHz]		V.S.W.R. [ - ]	Max. Gain [ dBi ]	Impedance [ Ω ]
		VSWR=2	VSWR=3			
Spec.	[2450]	100 min.	---	2.0 max.	---	(50 )
Typ	(2450)	170	460	1.7	2.4	(50 )

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