

Applications

This antenna is designed for Bluetooth\WLAN application and it's suitable for cellular phones, PDA, notebook, navigator, and all devices which have Bluetooth\WLAN function.

Features

- Omni-directional radiation
- High Efficiency
- Low profile and compact size(5.2 x 3.7 x 0.7mm)
- Low cost
- Lead free soldering compatible
- RoHS compliant
- Tape and reel packing

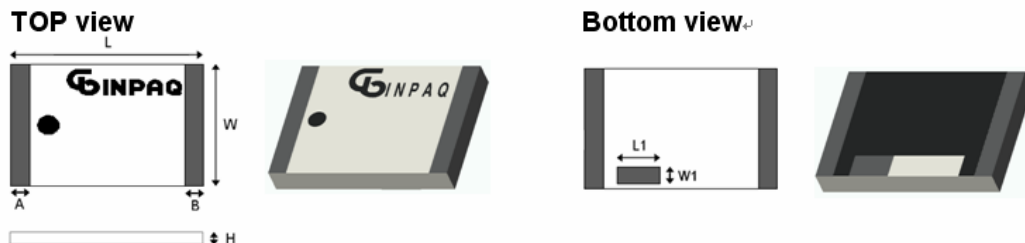
Electrical Characteristics

ITEM		SPECIFICATION
Frequency Band		2.40GHz~2.50GHz
VSWR		Less than 2.5
Polarization		Linear
*Peak Gain	Layout A	3 dBi Typ.
	Layout B	2.1 dBi Typ.
*Efficiency	Layout A	80% Typ.
	Layout B	74% Typ
Impedance		50Ω Typ.

* Test condition: Test board size 80*40 mm

Matching circuit: Pi matching circuit will be required

Antenna Dimension



Chip Antenna	L	W	A	B	L1	W1	H
ACA5036	5.2±0.3	3.7±0.3	0.45±0.25	0.45±0.25	1.1±0.20	0.55±0.20	0.70±0.15