

AN2051

Multilayer Chip Antenna for 2.4GHz Wireless Communication

(Advance Information)

AN2051 Multilayer Chip Antenna

◆ Features

- Miniaturized size 5.1(L)X2.0(W)X1.2(H)
- Light weight and low profile
- Omni-directional in azimuth

◆ Applications

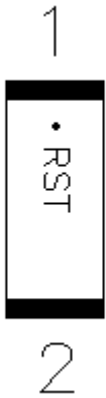
- 2.4GHz wireless communications
- Modules
- Bluetooth
- 802.11b
- Other 2.4GHz Wireless Application



Specifications

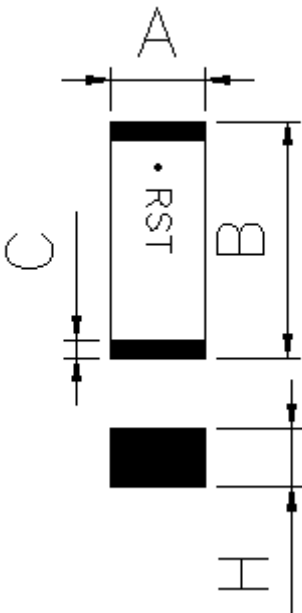
Center frequency	2.45GHz
Peak gain	0.5dBi
Operation temperature	-40 ~ +85 °C
Storage temperature	-40 ~ +85 °C
VSWR	2.0 (Max)
Input Impedance	50 Ohm
Power handling	3W (Max)
Bandwidth	110MHz
Azimuth beamwidth	Omni-directional
Polarization	Linear

Pin configuration



Pin No	Pin assignment
1	Feed termination
2	Solder termination

Dimensions



symbol	Dimensions(mm)
A	2.0±0.1
B	5.1±0.1
C	0.5±0.02
H	1.22±0.1