

RF PRODUCT INFORMATION

Broad Band Ceramic Antenna

RFANT5220110A2T Series

LTCC Multi Layer Chip Antenna - Broad Band Type
For ISM Band 2.4GHz Application

FEATURES

- Surface Mounted Devices with a small dimension of $5.2 \times 2.0 \times 1.1 \text{ mm}^3$ meet future miniaturization trend.
- Embedded and LTCC (Low Temperature Co-fired Ceramic) technology is able to future integrate with system design as well as beautifying the housing of final product.
- High Stability in Temperature / Humidity Change

ELECTRICAL CHARACTERISTICS

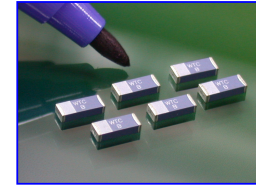
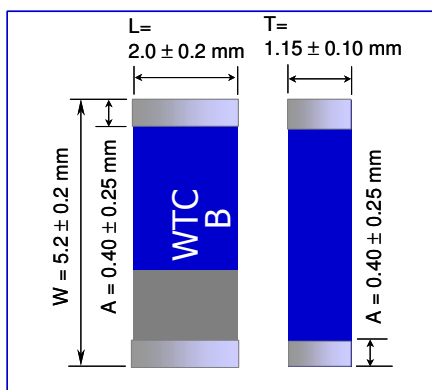
Item	Specification
Central frequency	2.450 GHz (Note-1)
Gain	0 ~ 2 dBi
VSWR	2 max.
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50Ω
Maximum Input Power	5 Watts for 5 minutes
Operation Temperature	$-40^\circ\text{C} \sim +85^\circ\text{C}$

*Note 1. Central Frequency should be defined after customers' application approval.

APPLICATIONS

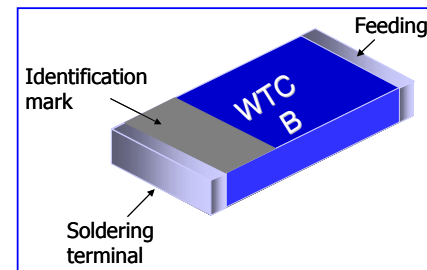
- Bluetooth
- Wireless LAN
- HormRF
- ISM band 2.4GHz applications.

DIMENSION



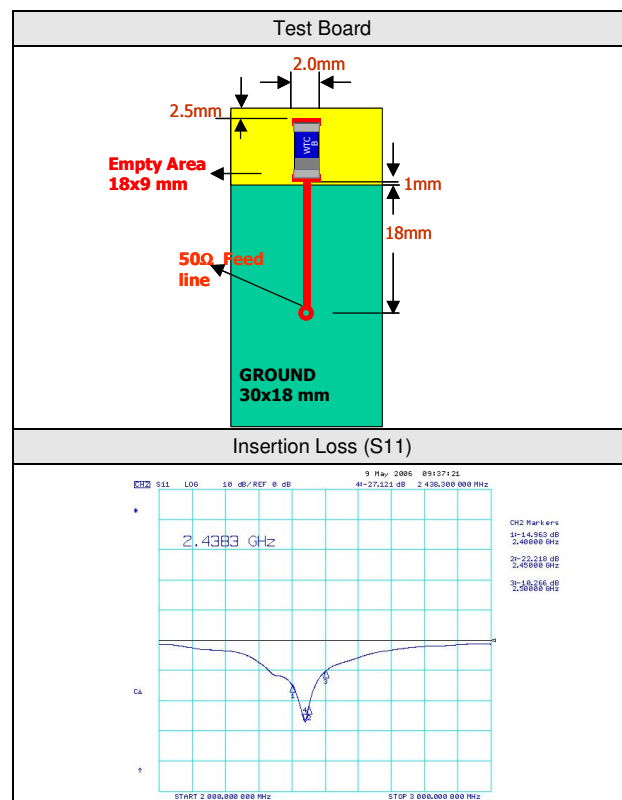
Patent Pending

CONSTRUCTION



Outline of 2.4GHz Chip Antenna

Test Board



CONTACT INFORMATION

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Specification subject to change without prior notice.