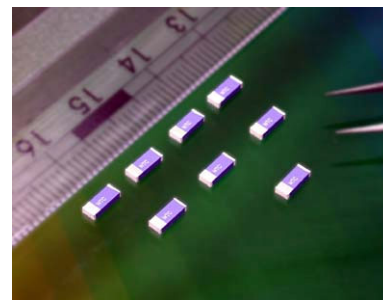




RF PRODUCT INFORMATION

Broad Band LTCC Multi Layer Ceramic Chip Antenna For ISM Band 2.4 GHz Applications

- RFANT5220110A0T Series



Patent Pending

FEATURES

- Surface Mounted Devices with a small dimension of 5.2 x 2.0 x 1.1 mm³ 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

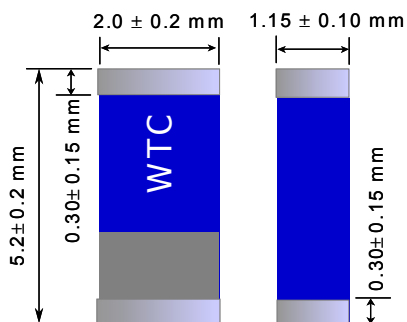
Item	Specification
Central frequency	2.450 GHz (Note-1)
Bandwidth	150MHz (typical)
Gain	0 ~ 2 dBi
VSWR	2 max.
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50Ω

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

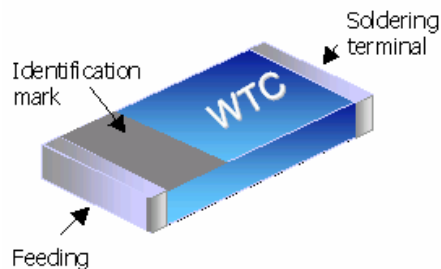
APPLICATIONS

- Bluetooth/ Wireless LAN/ HornRF
- ISM band 2.4GHz applications.

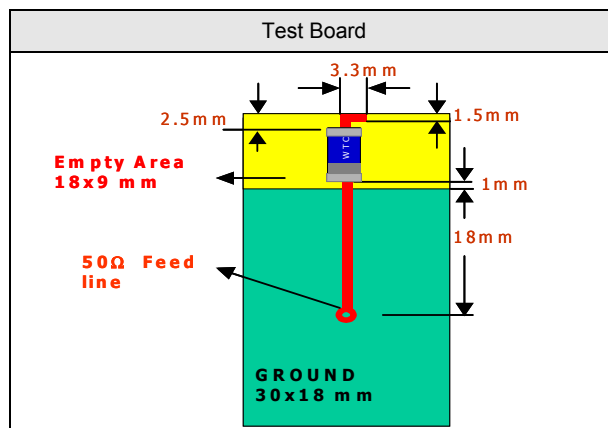
DIMENSION



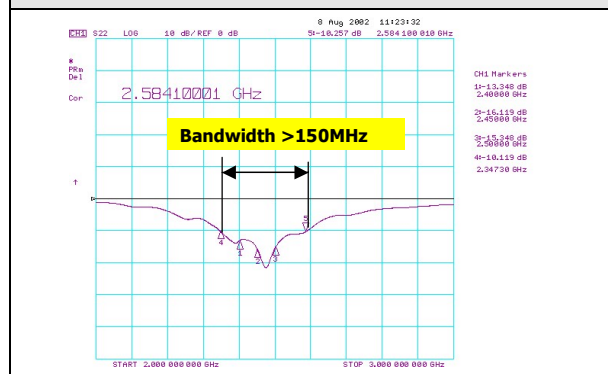
CONSTRUCTION



Test Board



Insertion Loss (S11)



CONTACT INFORMATION

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