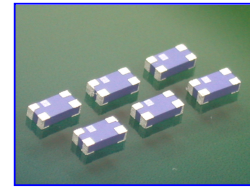


RF PRODUCT INFORMATION

2.4GHz Ceramic Antenna 1206 (3216) size

PIN: RFANT3216090A0T



LTCC Multi Layer Chip Antenna - Ultra Low profile 0.9mm & Small Size

FEATURES

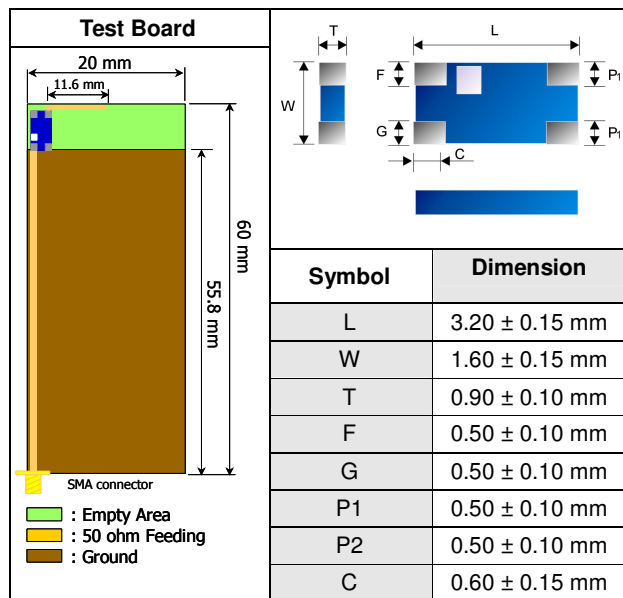
- ◆ Surface Mounted Devices with a small dimension of 3.2 x 1.6 x 0.9 mm³ meet future miniaturization trend
- ◆ Ultra low profile 0.9mm design
- ◆ Embedded and LTCC (Low Temperature Co-fired Ceramic) technology is able to future integrate with system design as well as beautifying the housing of final product.

ELECTRICAL CHARACTERISTICS *Note-1

Item	Specification
Working Frequency Range	2.4 GHz ~ 2.5GHz
Peak Gain	2 dBi (typical)
VSWR	2 max.
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50Ω

* Note: Specification definition based on test board design as below

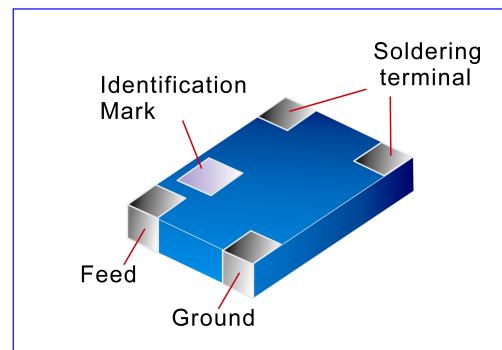
DIMENSION



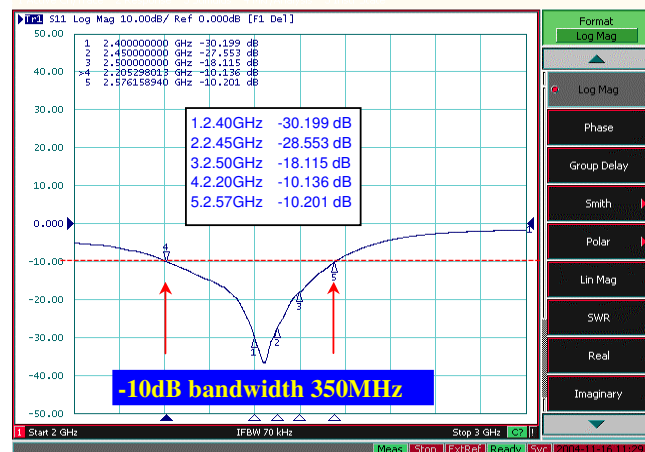
APPLICATIONS

- ◆ Bluetooth related includes earphone, SDIO interface
- ◆ Wireless LAN 802.11b/g, Dongle, USB interface, Compact Flash Card.
- ◆ ISM band 2.4GHz applications.

CONSTRUCTION



Return Loss S11 Chart measured on test board dimension (59mm x 26mm x 0.8mm)



CONTACT INFORMATION

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Specification subject to change without prior notice.