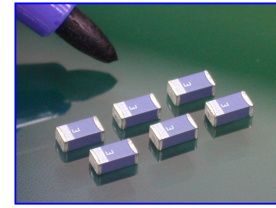


# RF PRODUCT INFORMATION

## 2.4GHz Ceramic Antenna 1206 (3216) size

### PIN: RFANT3216120A5T



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

#### FEATURES

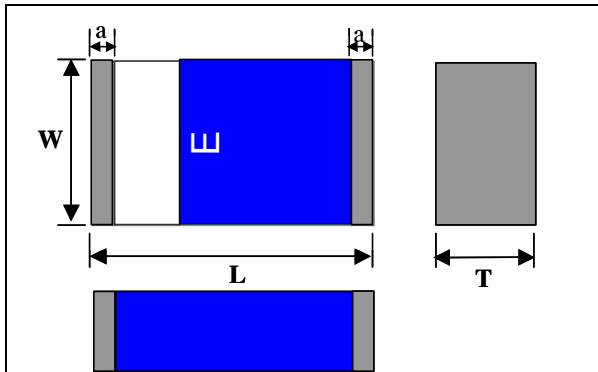
- ◆ Surface Mounted Devices with a small dimension of 3.2 x 1.6 x 1.2 mm<sup>3</sup> meet future miniaturization trend
- ◆ High stability in Temperature / Humidity Change
- ◆ Embedded and LTCC (Low Temperature Co-fired Ceramic) technology is able to future integrate with system design as well as beautifying 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 Bandwidth	Omni-directional
Impedance	50Ω

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

#### DIMENSION

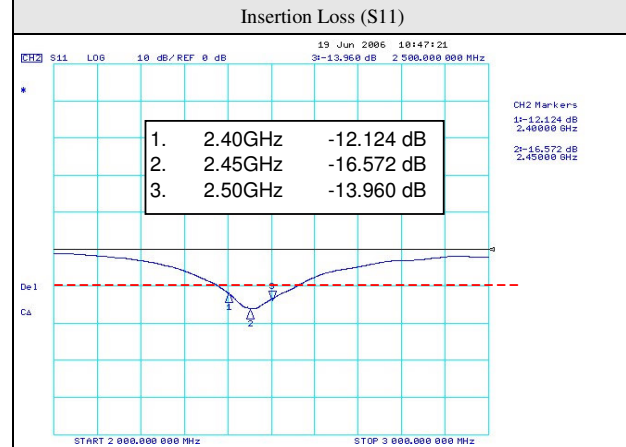
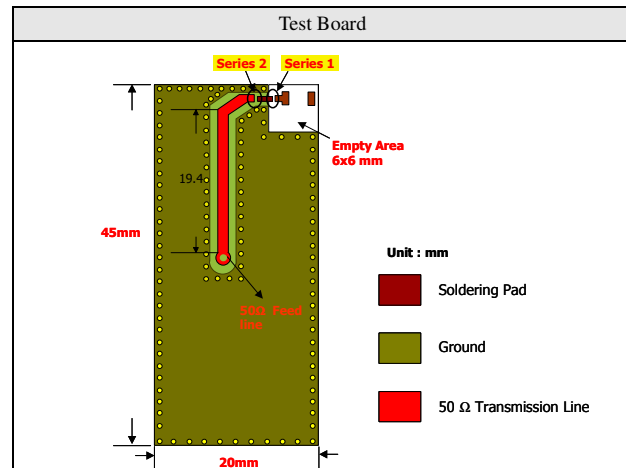


Symbol	Dimension
L	3.20 ± 0.20 mm
W	1.60 ± 0.10 mm
T	1.20 ± 0.10 mm
a	0.25 ± 0.15 mm

#### APPLICATIONS

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

#### CONSTRUCTION



#### CONTACT INFORMATION

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*Specification subject to change without prior notice.*