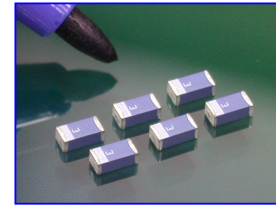


RF PRODUCT INFORMATION

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 mm³ 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.

APPLICATIONS

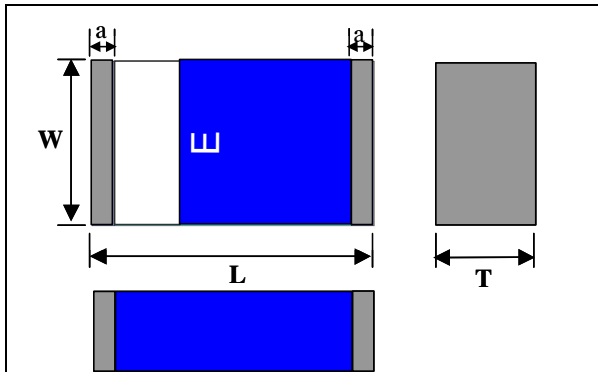
- ◆ Bluetooth related includes earphone, SDIO interface
- ◆ Wireless LAN 802.11b/g, Dongle, USB interface, Compact Flash Card.
- ◆ ISM band 2.4GHz applications.

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 |

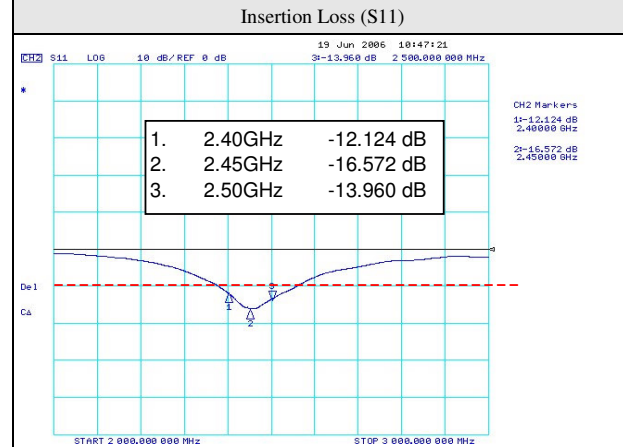
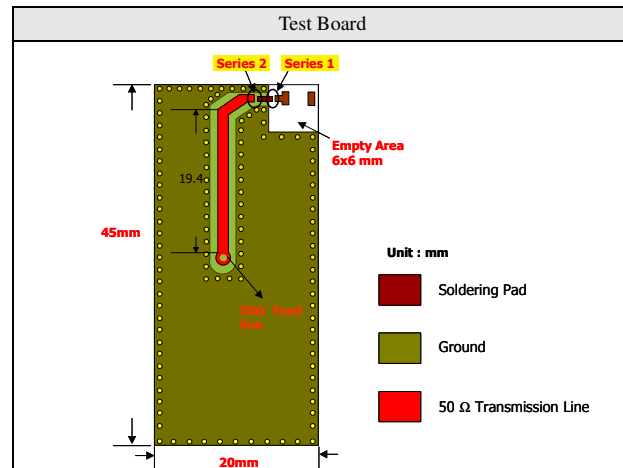
* Note: Specification definition based on test board design as below

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 |

CONSTRUCTION



CONTACT INFORMATION

For more information, please contact with **Walsin Technology Corporation.**

Tel : 886-3-475-8711
 Fax : 886-3-475-5197
 E mail : info@passivecomponent.com
 Web Site : http://www.passivecomponent.com

Specification subject to change without prior notice.