



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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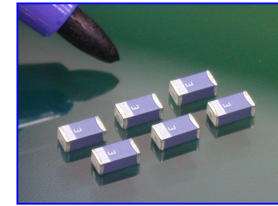
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RF PRODUCT INFORMATION

2.4GHz Ceramic Antenna 1206 (3216) size

PIN: RFANT3216120A5T



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

FEATURES

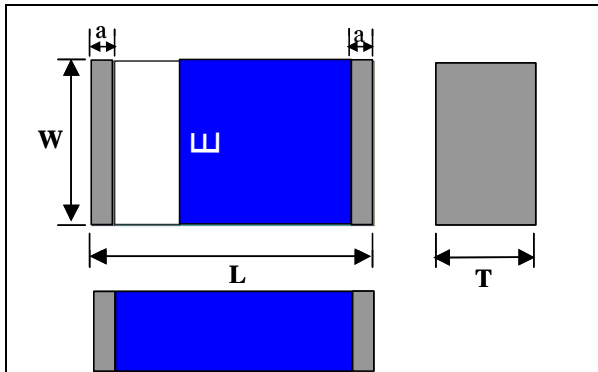
- ◆ Surface Mounted Devices with a small dimension of 3.2 x 1.6 x 1.2 mm³ meet future miniaturization trend
- ◆ High stability in Temperature / Humidity Change
- ◆ Embedded and LTCC (Low Temperature Co-fired Ceramic) technology is able to future integrate with system design as well as beautifying the housing of final product.

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

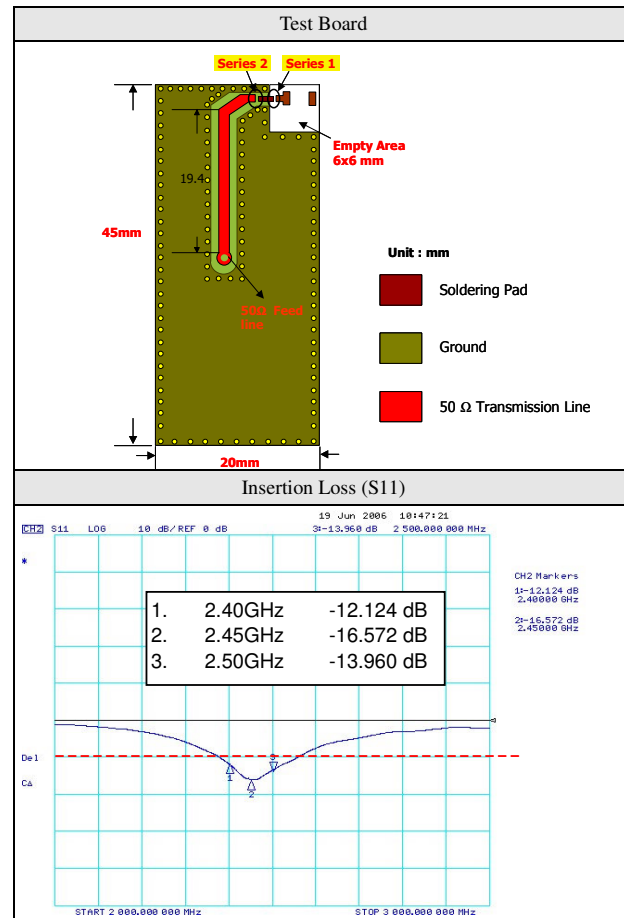


Symbol	Dimension
L	3.20 ± 0.20 mm
W	1.60 ± 0.10 mm
T	1.20 ± 0.10 mm
a	0.25 ± 0.15 mm

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.