

MULTILAYER CERAMIC ANTENNA

- RFANT2012090A0T
- For 2.4 GHz ISM Band Working Frequency

FEATURES

- Light weight and low profile : 2.00 X 1.25 X 0.90 mm³
- Omni - directional in azimuth

APPLICATIONS

- 2.4 GHz ISM Band RF Applications
- Bluetooth, Wireless, HomeRF

ELECTRICAL CHARACTERISTICS

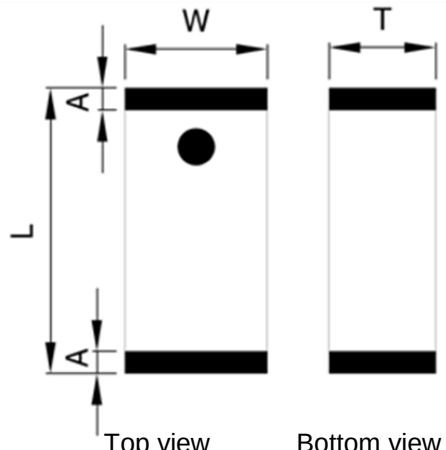
Item	Specification
Working Frequency Range	2400 ~ 2500 MHz
Gain	1.72 dBi (Typical)
VSWR	2.0 max.
Polarization	Linear
Feed Impedance	50Ω
Operating Temperature	-40 ~ +85 °C
Moisture sensitivity levels	LEVEL 1 (Refer to : IPC/JEDEC J-STD-020)

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

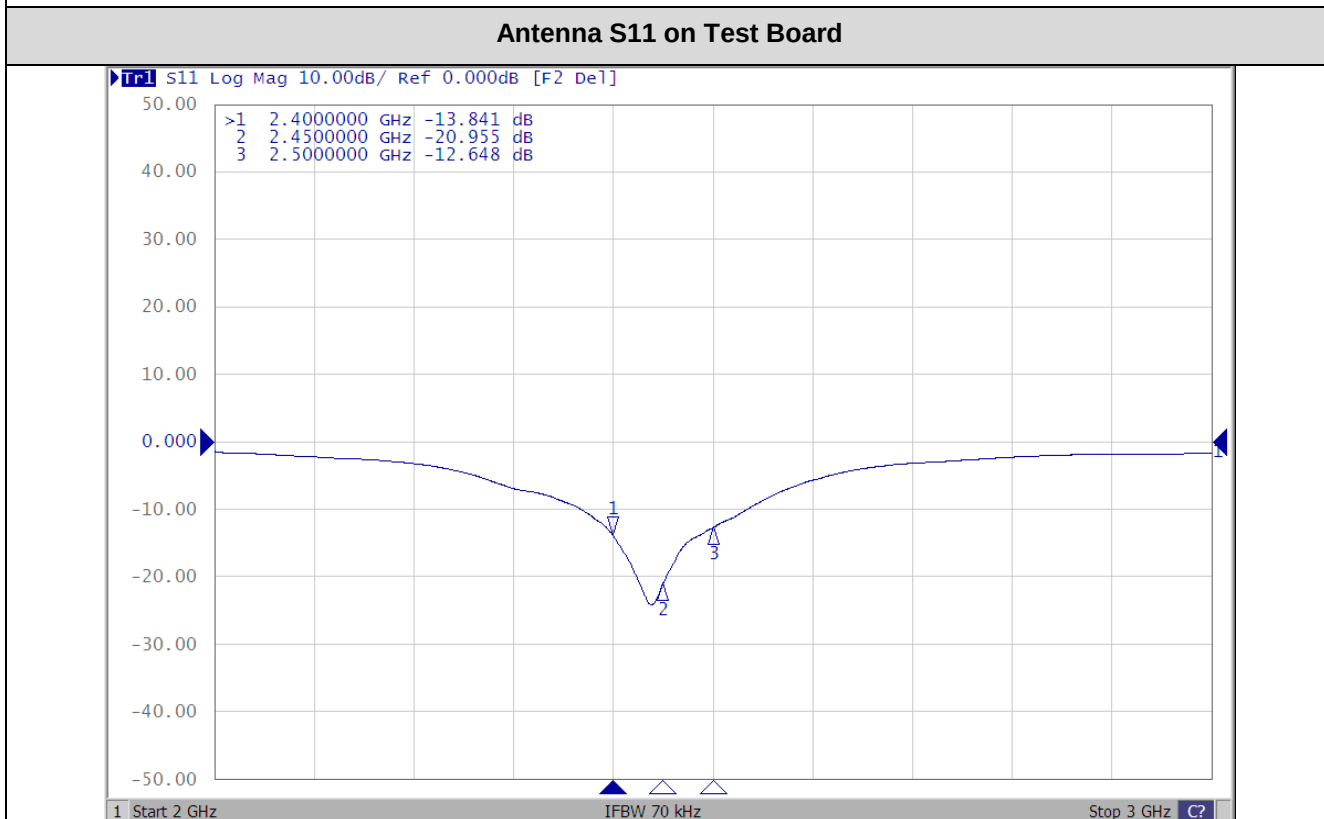
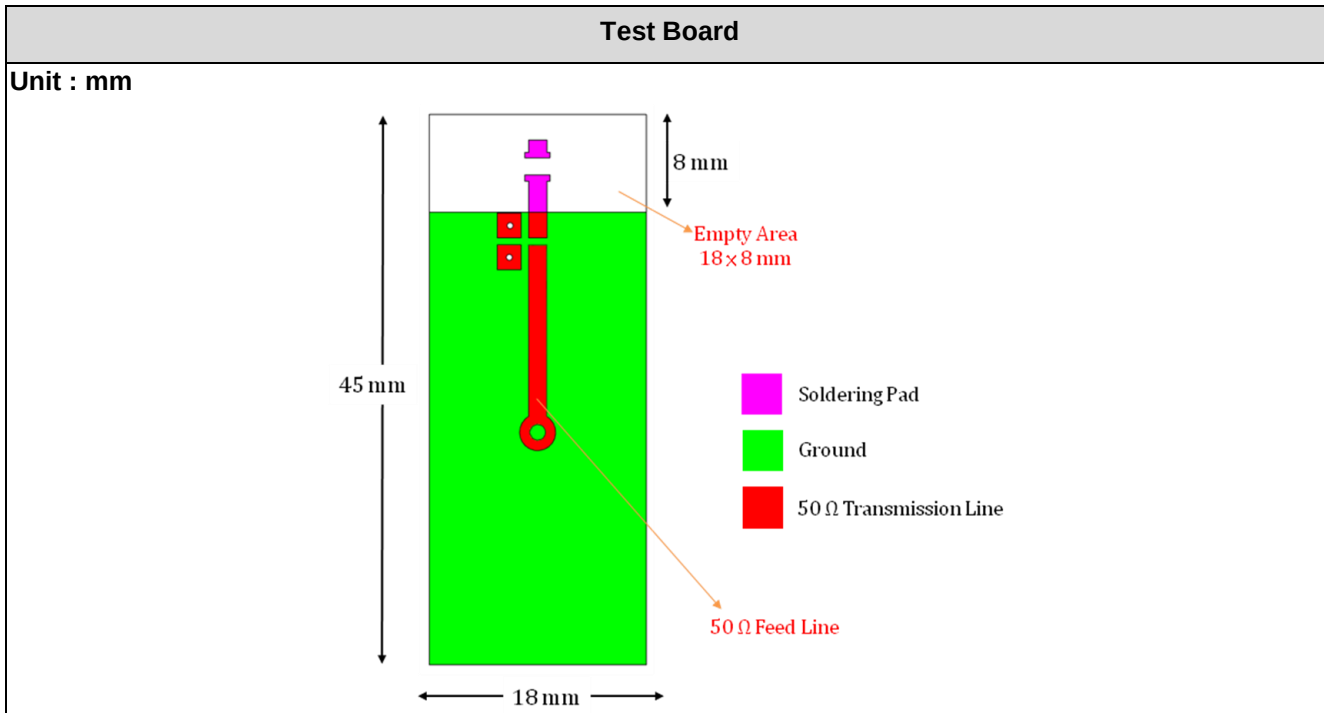
CONSTRUCTION

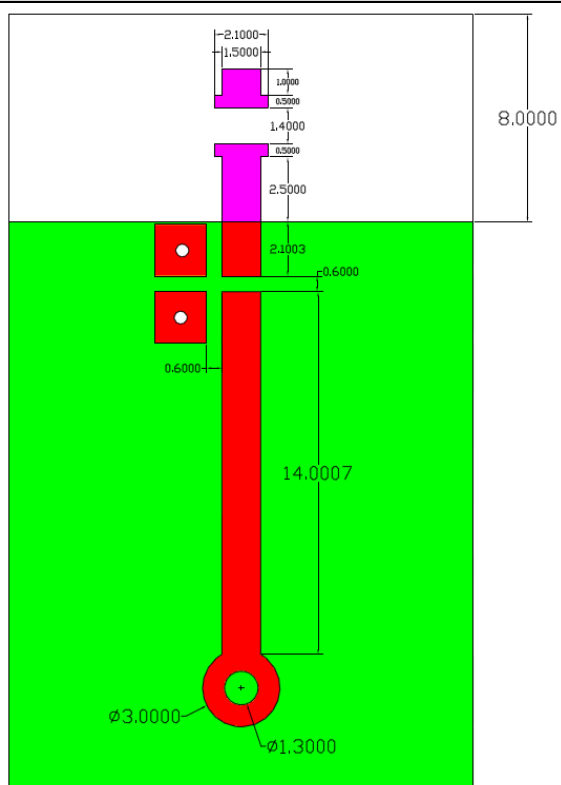
Figure	PIN	Connection
Top view 	1	Feeding
	2	Soldering Terminal

DIMENSION

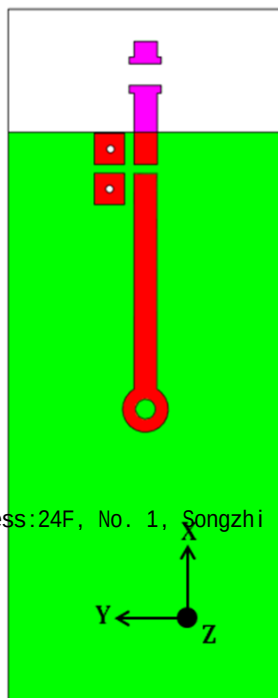
Figure	Symbol	Dimension (mm)
 Top view Bottom view	L	2.00 ± 0.20
	W	1.25 ± 0.20
	T	0.90 ± 0.10
	A	0.25 ± 0.15

TEST BOARD

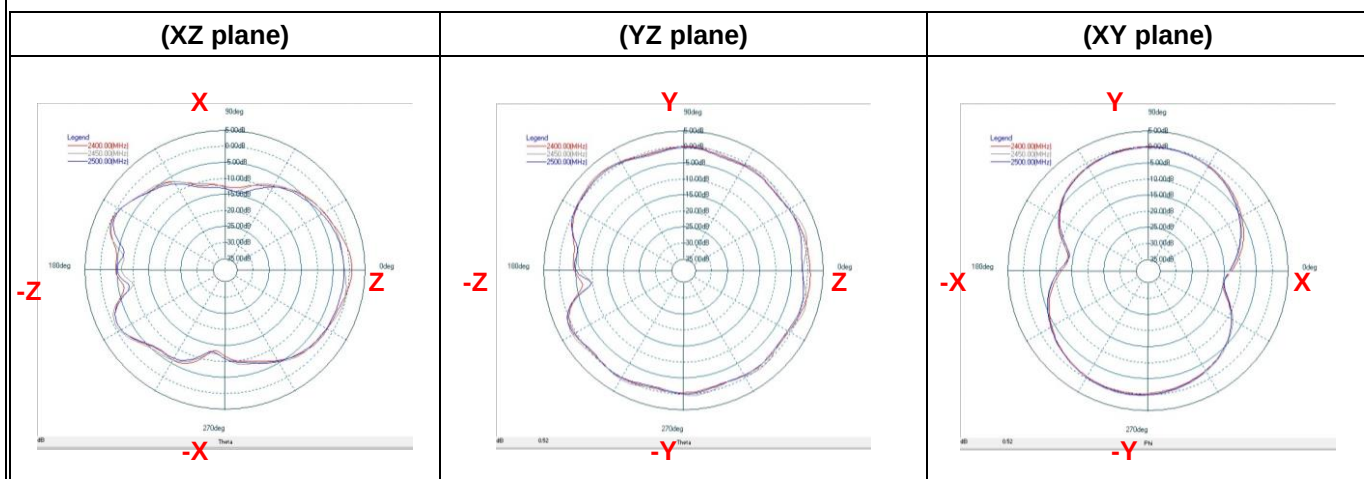




RADIATION PATTERN



Contact address: 24F, No. 1, Songzhi Road, Xinyi District, Taipei City



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

Contact address: 24F, No. 1, Songzhi Road, Xinyi District, Taipei City