

RGFRA Series / Pb Free

- **RGFRA8010110A2T**
- **For 2400 ~ 2500 MHz Working Frequency**

FEATURES

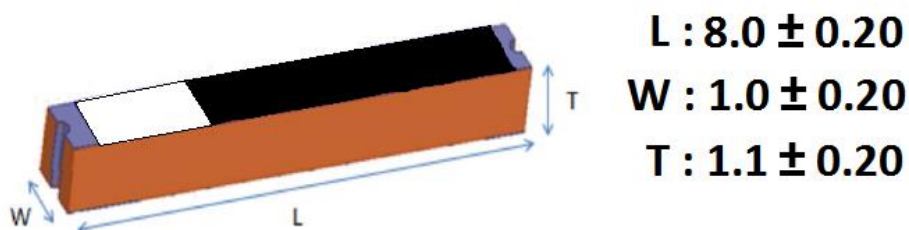
1. Surface Mounted Devices with a small dimension of 8.0 x 1.0 x 1.1 mm.
2. Antenna Frequency for 2400-2500 MHz

APPLICATIONS

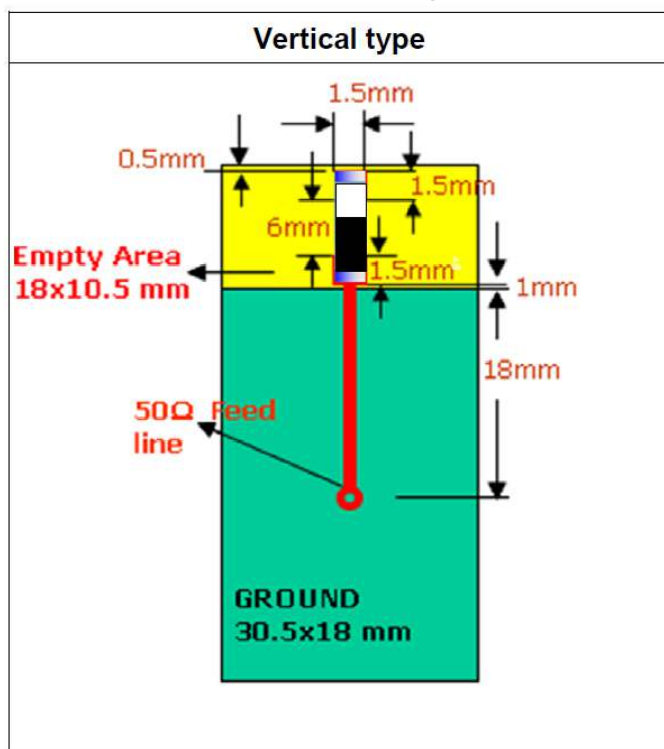
1. For Miniaturized Bluetooth System

DESCRIPTION

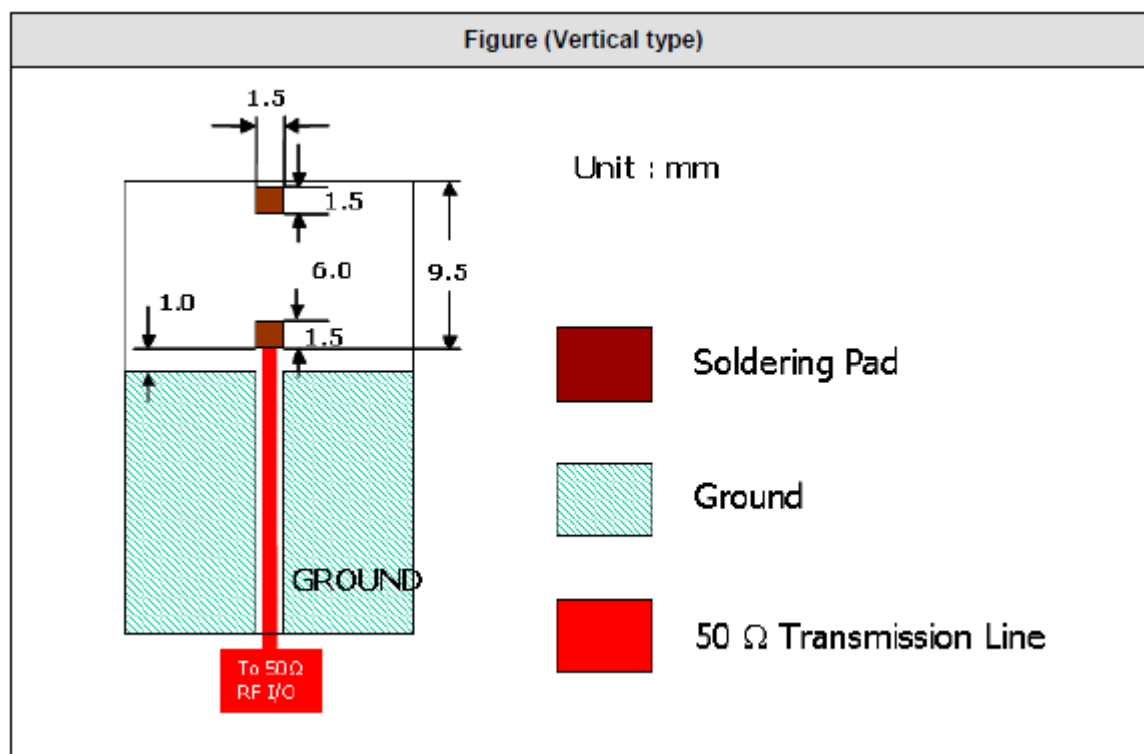
Walsin Technology Corporation develops a new antenna specified for 2.4 GHz ISM Band application, as shown in below "CONSTRUCTION". It's application typically located on this unlicensed frequency band which range covers from 2.4GHz to 2.5GHz.

CONSTRUCTION (Unit: mm)**PCB TOP VIEW (Unit: mm)****PCB BOTTOM VIEW (Unit: mm)**

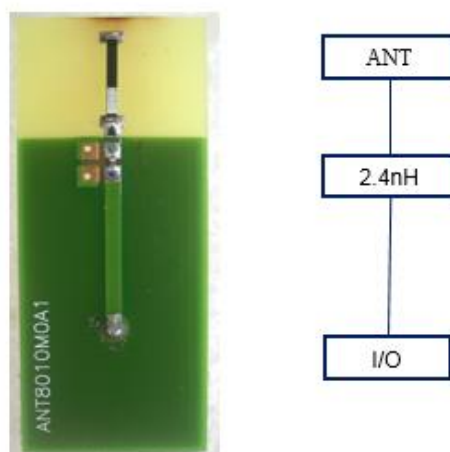
ANTENNA ON TEST BOARD (FR4 THICKNESS 0.8mm)



SOLDER LAND PATTERN DESIGN



EVALUATION BOARD MATCHING CIRCUITS



ELECTRICAL CHARACTERISTICS

Part Number	RGFRA8010110A2T	
Central Frequency	2450	MHz
Bandwidth	±50 (Min.)	MHz
Return Loss	-9.6 (Max)	dB
Peak Gain	3.61	dBi
Impedance	50	Ohm
Polarization	Linear	
Azimuth Beamwidth	Omni-directional	

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.*