



**THE DATASHEET OF  
RGFRA8010110A2T**



**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

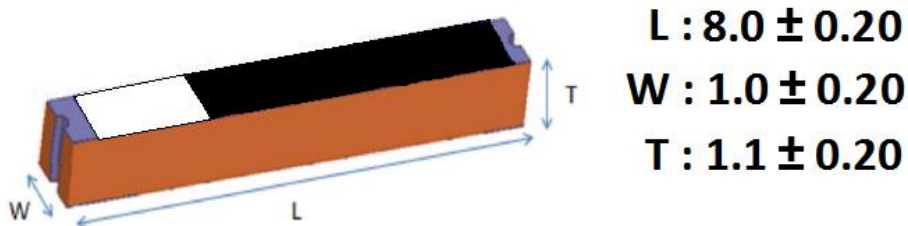
**APPLICATIONS**

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)**





**EVALUATION BOARD MATCHING CIRCUITS**



**ELECTRICAL CHARACTERISTICS**

Part Number	<b>RGFRA8010110A2T</b>	
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](http://www.walsin.com).

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*Specification subject to change without prior notice.*

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