

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

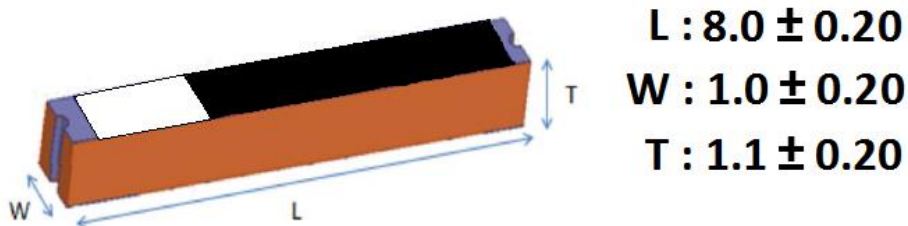
APPLICATIONS

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	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

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Specification subject to change without prior notice.