

Bluetooth Chip Antenna For ISM 2.4 GHz Applications

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◆ Part number : ADSBTF0702-A05

Specification

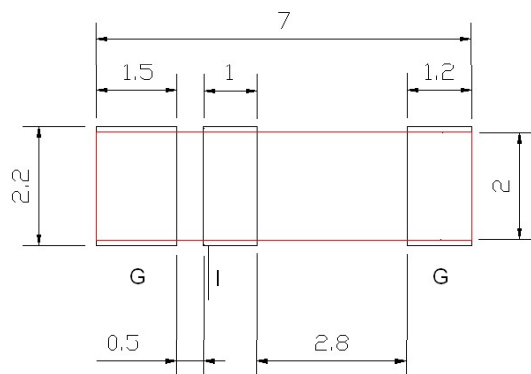
Frequency	2400 ~ 2484 MHz
VSWR	4.0 max
Peak Gain	-1.5 dBi min
Radiation Pattern	Omni-directional
Input Impedance	50 ohm

<Typical Test Board>

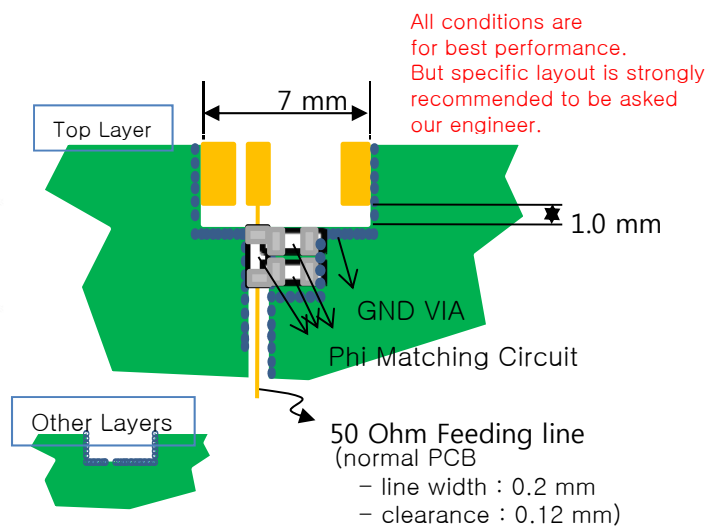
- Ground size : 40 X 50 mm

Dimensions

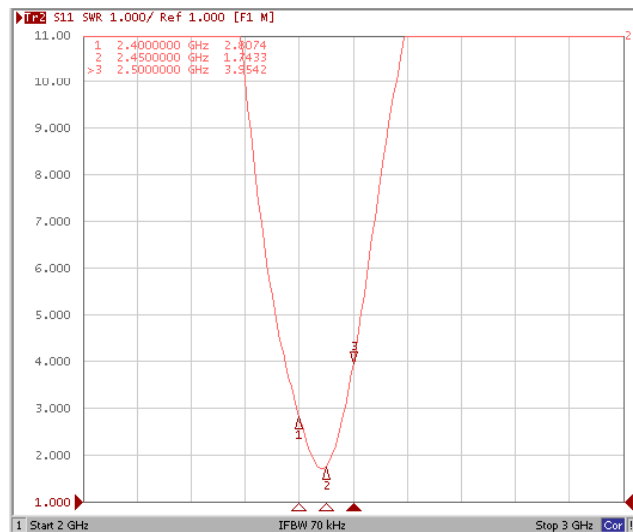
Size : 7(L) by 2(W) by 1.2(t) mm



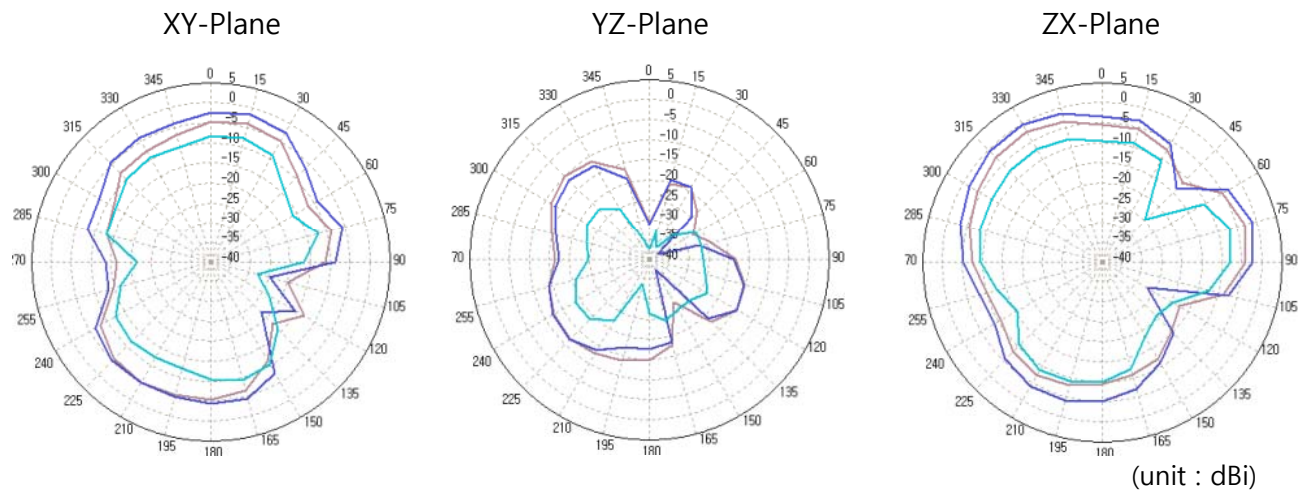
Recommended Pad Layout



VSWR on Evaluation Board



Gain on Evaluation Board



Frequency (MHz)	XY		YZ		ZX	
	Peak gain	Avrg gain	Peak gain	Avrg gain	Peak gain	Avrg gain
2400	-4.0	-8.0	-2.3	-6.4	-10.4	-15.1
2450	-1.7	-5.9	-0.2	-4.2	-11.7	-16.0
2500	-7.9	-11.8	-7.1	-10.0	-18.8	-24.3

