

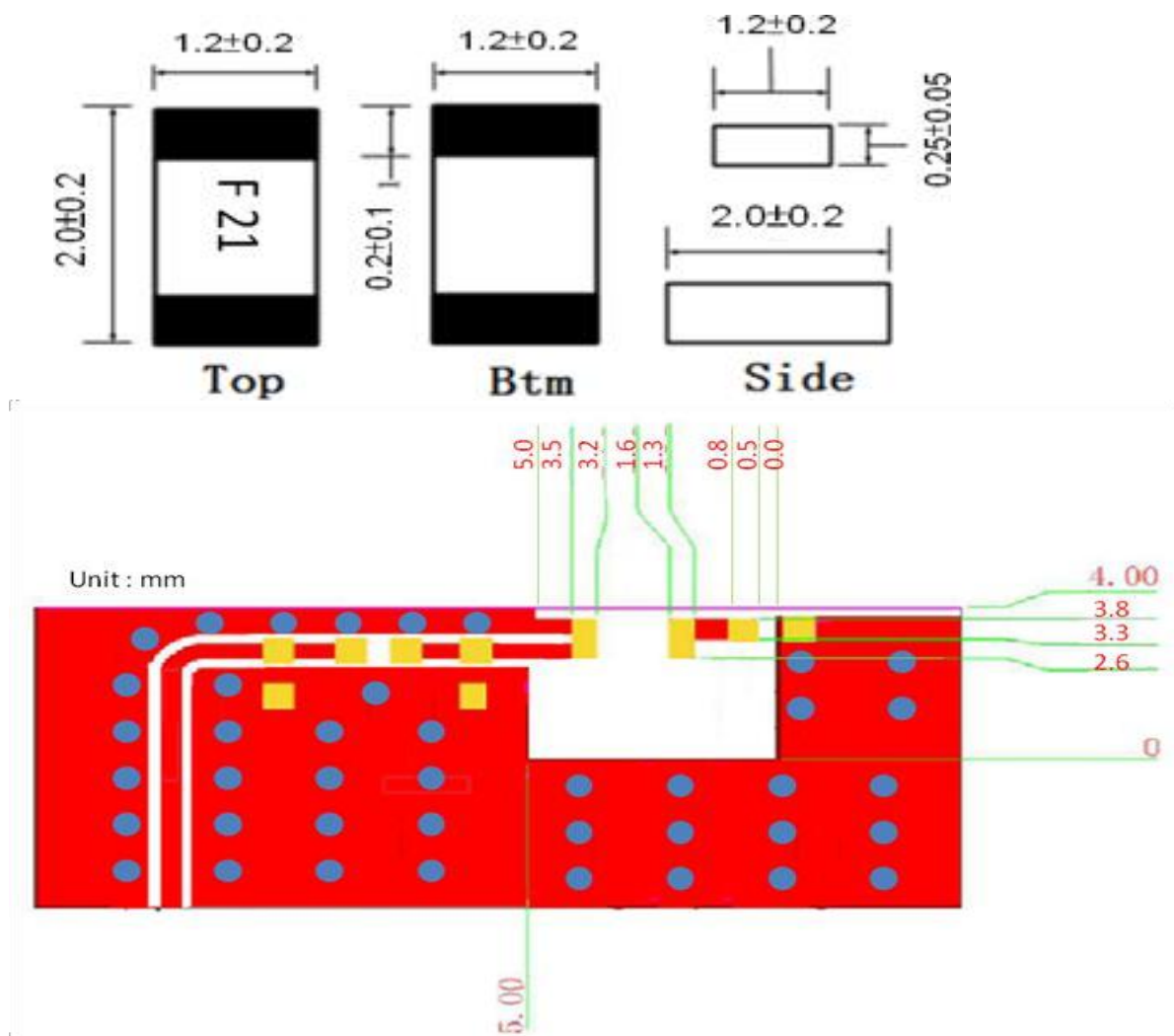
Features

- 1.Surface Mounted Devices with a small dimension of $2.0 \times 1.25 \times 0.25 \text{ mm}^3$ meet future miniaturization trend.
- 2.Embedded and LTCC (Low Temperature Co-fired Ceramic) technology is able to future integrate with system design as well as beautifying the housing of final product.
3. High Stability in Temperature / Humidity Change

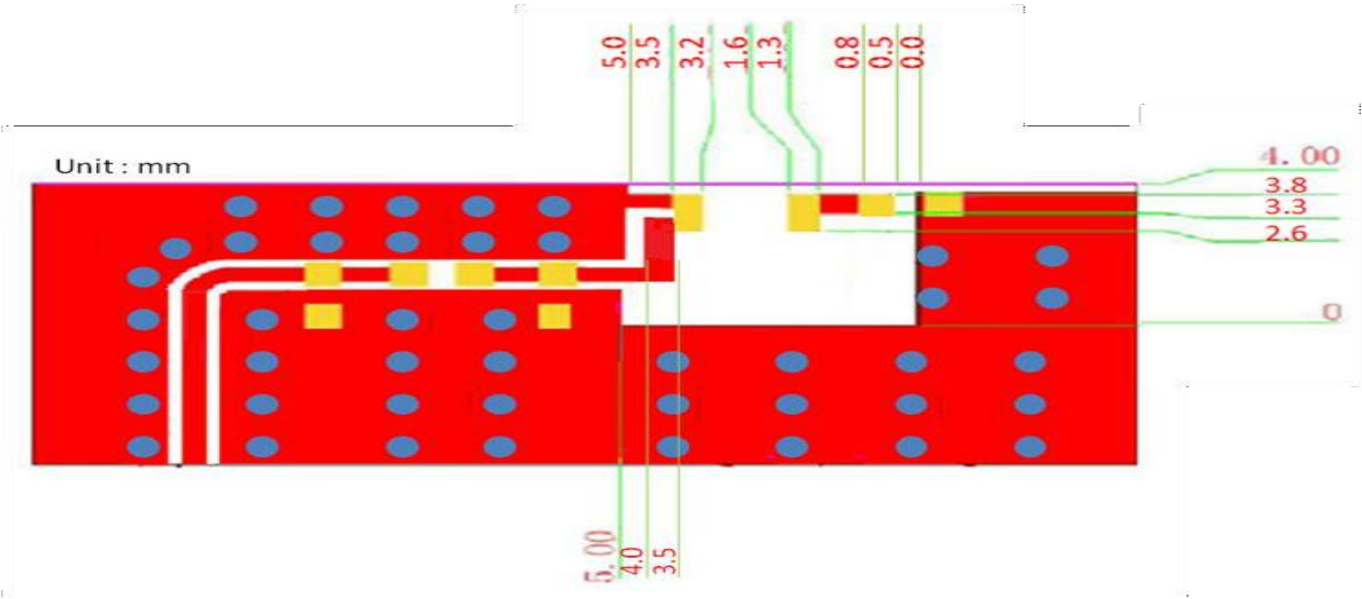
Applications

1. Bluetooth
2. Wireless LAN
3. HormRF
4. ISM band 2.4GHz wireless applications

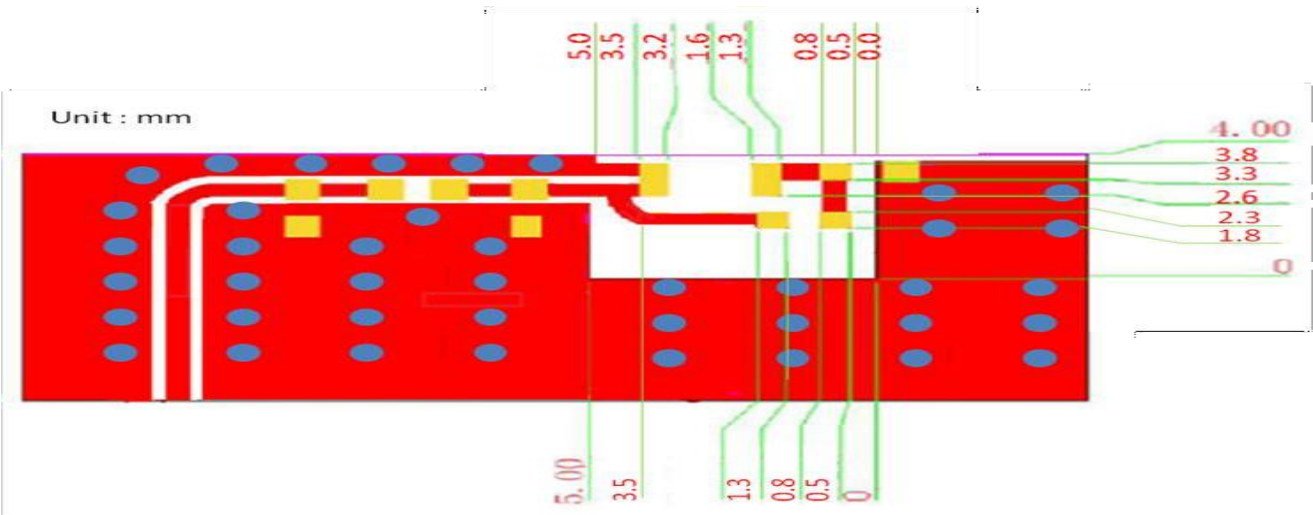
Dimensions (Unit: mm)



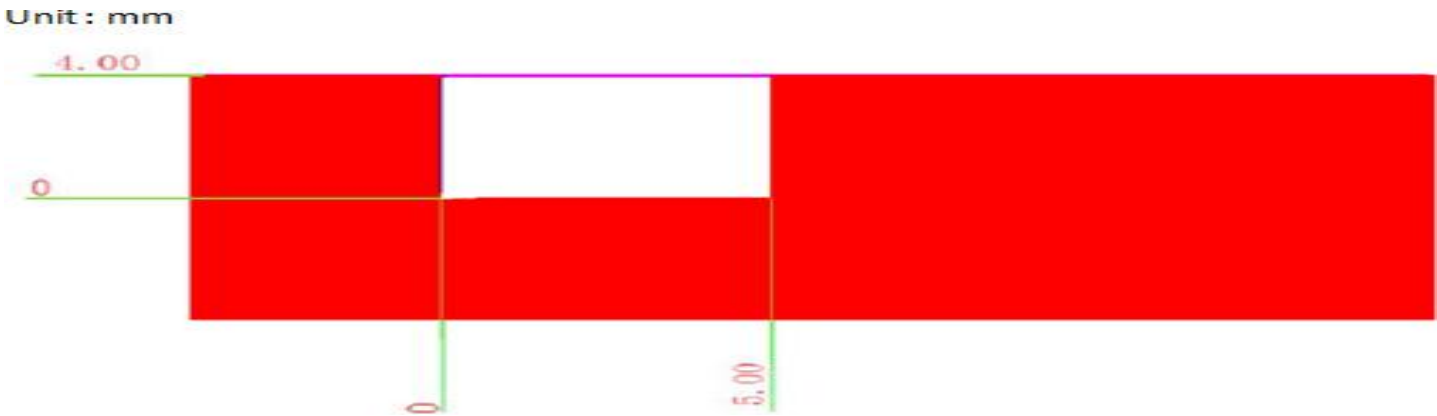
Type2 :



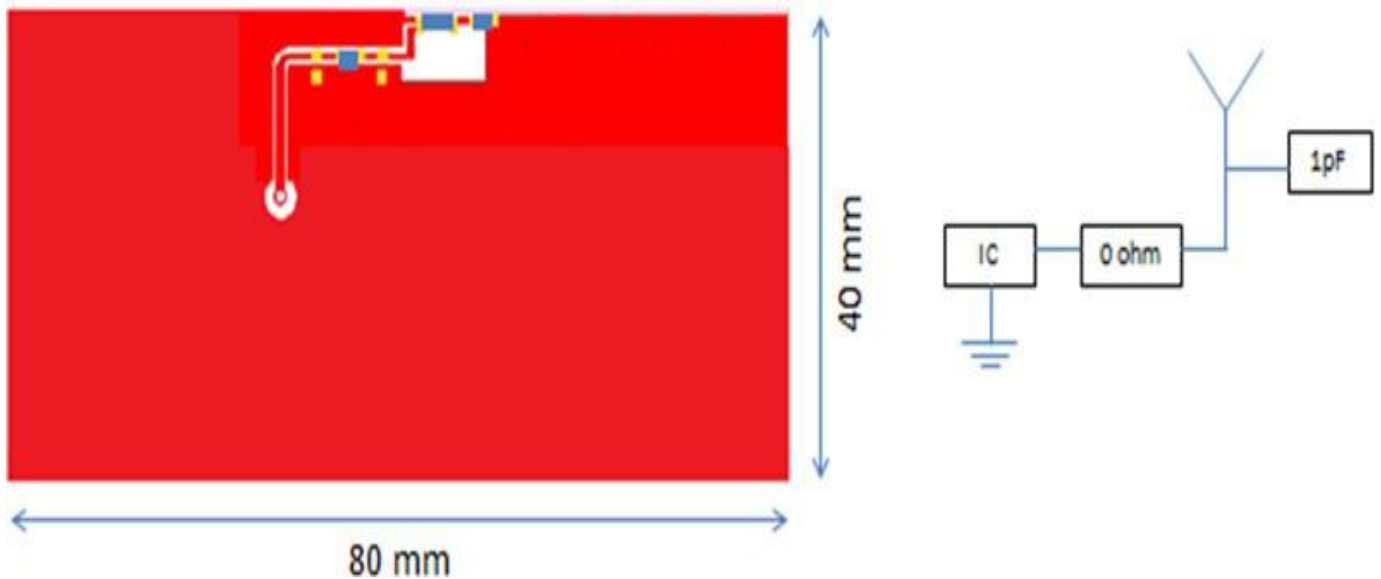
Type3 :



PCB Bottom View :



Evaluation Board and Matching Circuits



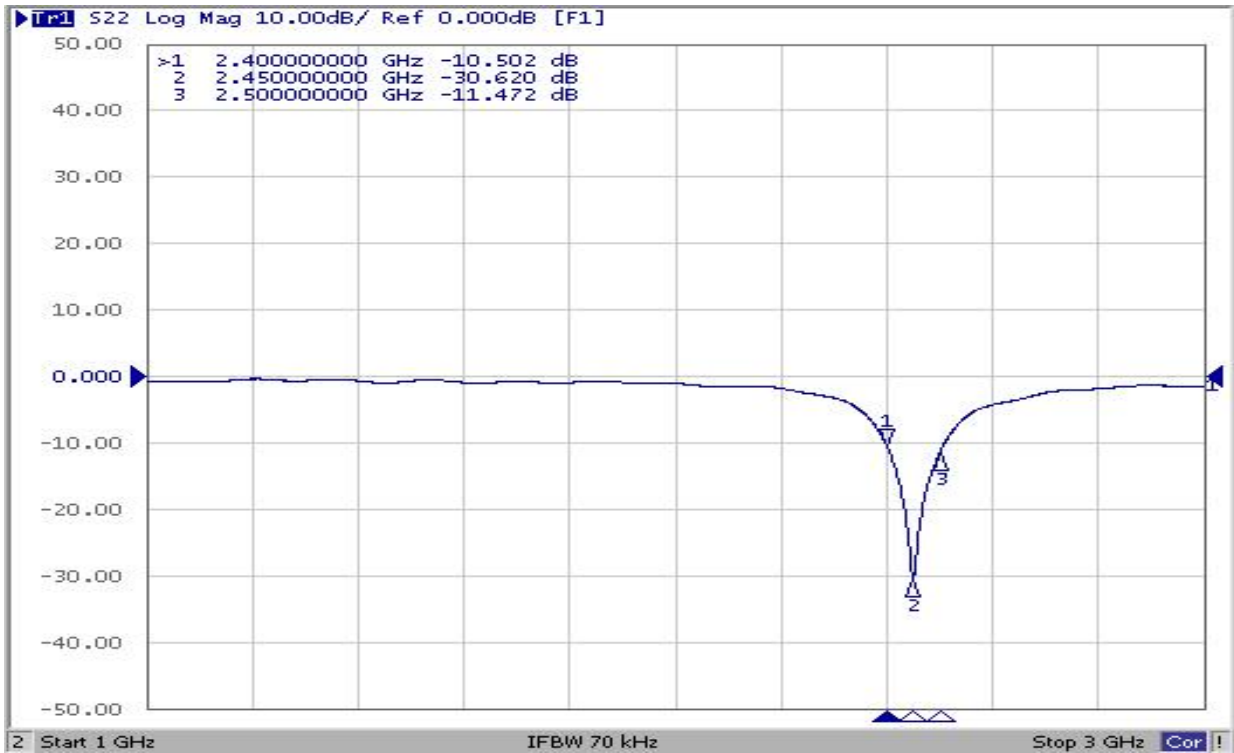
Electrical Characteristics

No.	Item	Specifications
5.1	Working Central Frequency (After matching)	2450 MHz
5.2	Band Width	86MHz typ.
5.3	Peak Gain	-0.58 dBi
5.4	R.L.	≥ 7
5.5	Polarization	Linear
5.6	Azimuth Beam width	Omni-directional
5.7	Impedance	50 Ω

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Characteristic curve



Radiation Pattern

Frequency(MHz)	2400	2450	2500
Efficiency (dB)	-2.82	-2.04	-2.41
Efficiency (%)	52.19	62.42	58,21
Gain (dBi)	-0.58	-0.67	-0.63

