

Description: 2012 2.4GHz Chip Antenna

### PART NUMBER: ANT2012LL00R2400A

### **Features:**

- Size : 2.0x1.2x1.1 mm
- Working Frequency : 2.4~2.5GHz
- Omni-directional Radiation
- Tape & reel automatic mounting
- Reflow process compatible
- · RoHS compliant



# **Applications:**

- 2.4GHz WiFi device
- Bluetooth gadget
- Zigbee device
- ISM band equipment

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#### **ELECTRICAL SPECIFICATIONS**

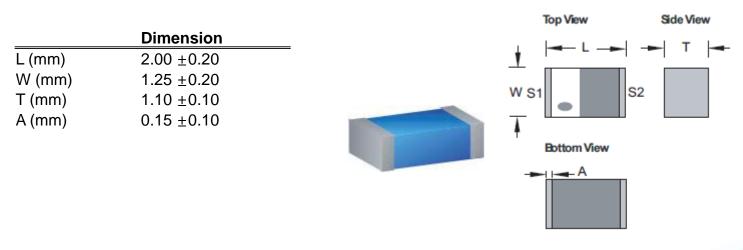
Working Frequency Bandwidth Return Loss Polarization Azimuth Beamwidth Peak Gain Impedance Operating Temperature Maximum Power Termination Resistance to Soldering Heats

2.45 GHz 370 MHz(Typ.) 10.0 dB Min Linear Omni-directional 3.77 dBi(Typ.) 50 Ω - 40~105 °C 1 W Ni / Sn (Environmentally-Friendly Leadless) 260°C , 10sec.

NOTE

1. The specification is defined on Pulse evaluation board

#### **MECHANICAL DRAWING**



Terminal name	Function
S1 Fe	Feeding Point
S2	Soldering Point

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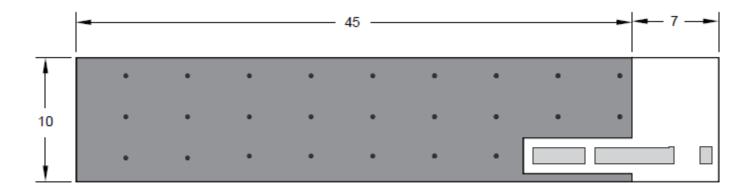
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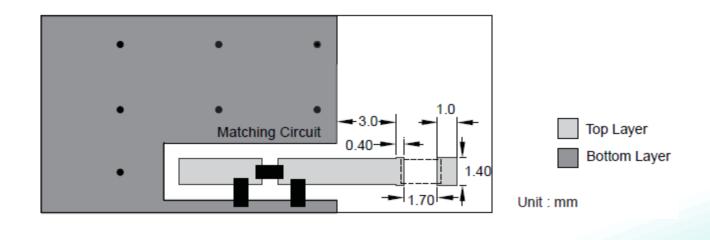
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## **REFERENCE DESIGN OF EVALUATION BOARD**



Unit : mm

Outlook and dimension of evaluation board



Details of soldering Pad

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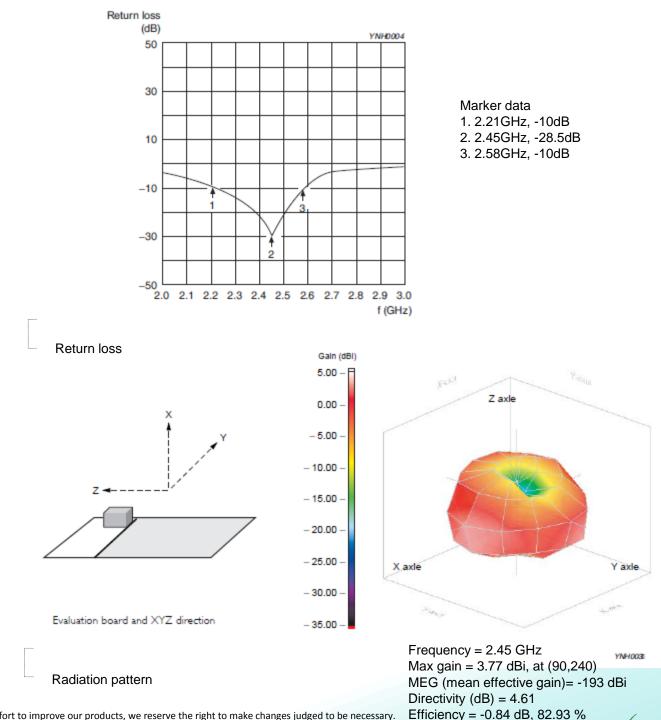
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### **ELECTRICAL PERFORMANCES**



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REVISION HISTORY			
Revision	Date	Description	
Version 1	Oct. 13, 2020	- New issue	

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