

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

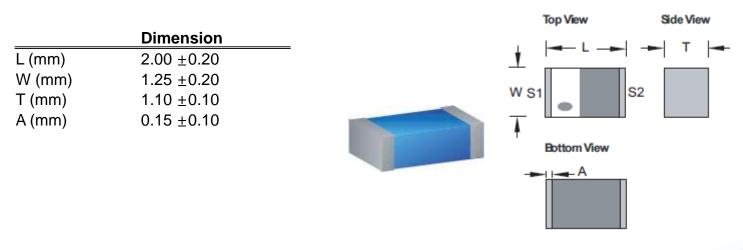
Working Frequency Bandwidth Return Loss Polarization Azimuth Beamwidth Peak Gain Impedance Operating Temperature Maximum Power Termination Resistance to Soldering Heats

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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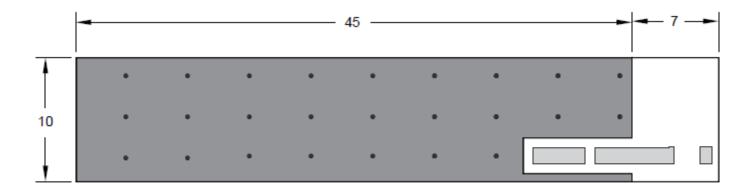
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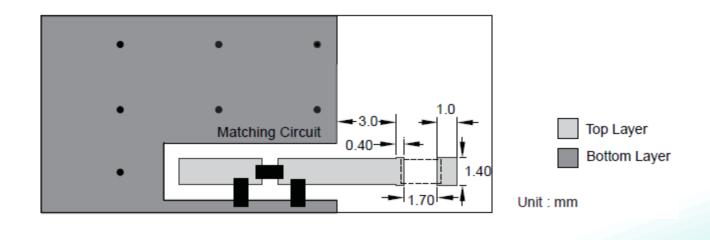
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REFERENCE DESIGN OF EVALUATION BOARD



Unit : mm

Outlook and dimension of evaluation board



Details of soldering Pad

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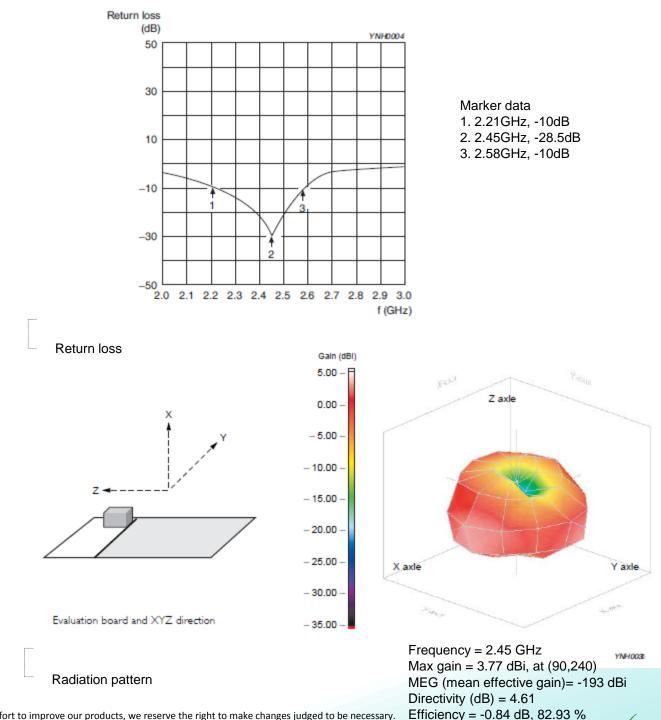
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ELECTRICAL PERFORMANCES



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

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5