

Description: 5320 2.4GHz Chip Antenna

### PART NUMBER: ANT5320LL45R2400A

### Features:

- Size : 5.3x2.0x1.3 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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Pulse Worldwide Headquarters 15255 Innovation Drive #100 San Diego, CA 92128 USA Tel:1-858-674-8100 Pulse/Larsen Antennas 18110 SE 34<sup>th</sup> St Bldg 2 Suite 250 Vancouver, WA 98683 USA Tel: 1-360-944-7551 Europe Headquarters Pulse GmbH & Do, KG Zeppelinstrasse 15 Herrenberg, Germany Tel: 49 7032 7806 0 Pulse (Suzhou) Wireless Products Co, Inc. 99 Huo Ju Road(#29 Bldg,4<sup>th</sup> Phase Suzhou New District Jiangsu Province, Suzhou 215009 PR China Tel: 86 512 6807 9998



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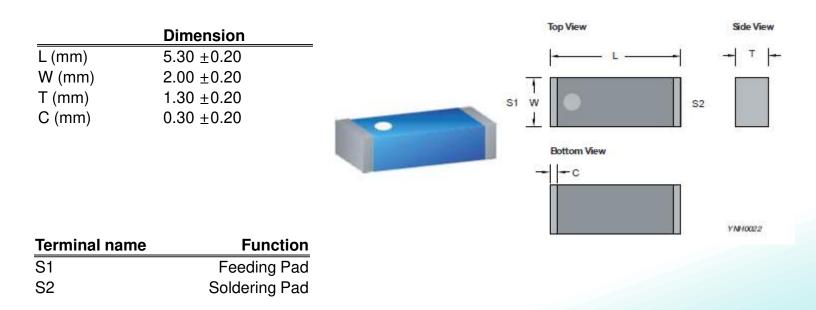
### **ELECTRICAL SPECIFICATIONS**

Working Frequency	2.45 GHz
Bandwidth	240 MHz(Typ.)
Return Loss	10.0 dB Min
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Peak Gain	5.22 dBi(Typ.)
Impedance	50 Ω
Operating Temperature	- <b>40∼105</b> °C
Maximum Power	1 W
Termination	Ni / Sn (Environmentally-Friendly Leadless)
Resistance to Soldering Heats	<b>260</b> ℃ , <b>10sec</b> .

NOTE

1. The specification is defined on Pulse evaluation board

#### **MECHANICAL DRAWING**



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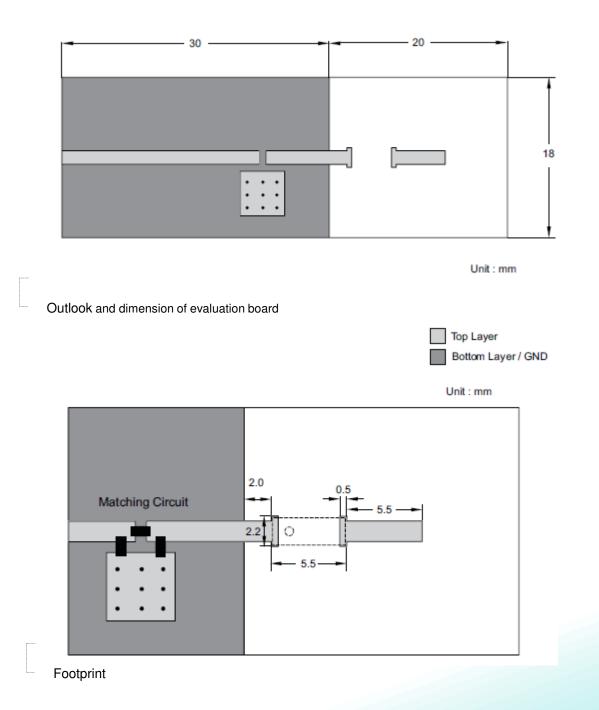




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## **REFERENCE DESIGN OF EVALUATION BOARD**



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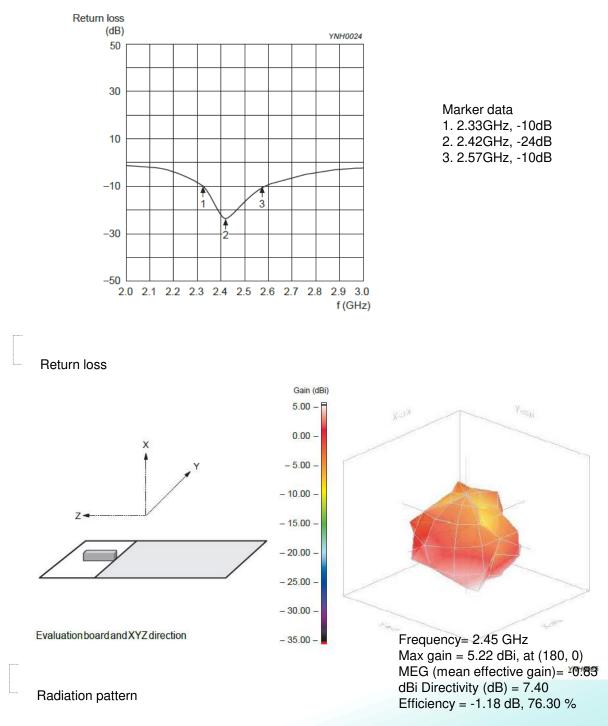
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## **ELECTRICAL PERFORMANCES**



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REVISION HISTORY			
Revision	Date	Description	
Version 1	Oct. 12, 2020	- New issue	

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5