

Description: 1608 2.4G&5G Chip Antenna

### PART NUMBER: ANT1608LL14R2455A

### **Features:**

- Size : 1.6x0.8x0.4 mm •
- Omni-directional Radiation
- Dual-band design
- Tape & reel automatic mounting
- Reflow process compatible
- RoHS compliant



- 2.4&5GHz WiFi device
- ISM band equipment



#### All dimensions are in mm / inches

In the effort to improve our products, we reserve the right to make changes judged to be necessary. CONFIDENTIAL AND PROPRIETARY INFORMATION



Pulse Worldwide Headquarters 15255 Innovation Drive #100 San Diego, CA 92128 USA Tel:1-858-674-8100

Pulse/Larsen Antennas 18110 SE 34th 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,4th Phase Suzhou New District Jiangsu Province, Suzhou 215009 PR China Tel: 86 512 6807 9998

RoHS



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### **ELECTRICAL SPECIFICATIONS**

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

2.45G / 5.5G Hz 120 / 900M Hz(Typ.) Linear Omni-directional 3.11 / 3.43 dBi(Typ.) 50 Ω - 40~105 °C 1 W Ag (Environmentally-Friendly Leadless) 260°C , 10sec.

NOTE

1. The specification is defined on Pulse evaluation board

### **MECHANICAL DRAWING**



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# **REFERENCE DESIGN OF EVALUATION BOARD**



120mm

Outlook and dimension of evaluation board

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#### **Return loss**

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Pulse LARSEN Antennas

TECHNICAL DATA SHEET

Description: 1608 2.4G&5G Chip Antenna

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# **ELECTRICAL PERFORMANCES**



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		<b>REVISION HISTORY</b>	
Revision	Date	Description	
Version 1	Oct. 13, 2020	- New issue	

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