

Description: 1204 315MHz Chip Antenna

PART NUMBER: ANT1204LL20R0315A

Features:

- Size : 12.00x4.00x1.50 mm
- Omni-directional Radiation
- Tape & reel automatic
- Mounting
- Reflow process compatible
- RoHS compliant

Applications:

- Smart meter
- Industrial remote control
- ISM band equipment

ELECTRICAL SPECIFICATIONS

Working Frequency	300-400 MHz
Bandwidth	10 MHz(Typ.)
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50 Ω
Operating Temperature	- 40~105 °C
Maximum Power	1 W
Termination	Ni / Sn (Environmentally-Friendly Leadless)
Resistance to Soldering Heats	260°C , 10sec.

NOTE
1. The specification is defined on Pulse evaluation board

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

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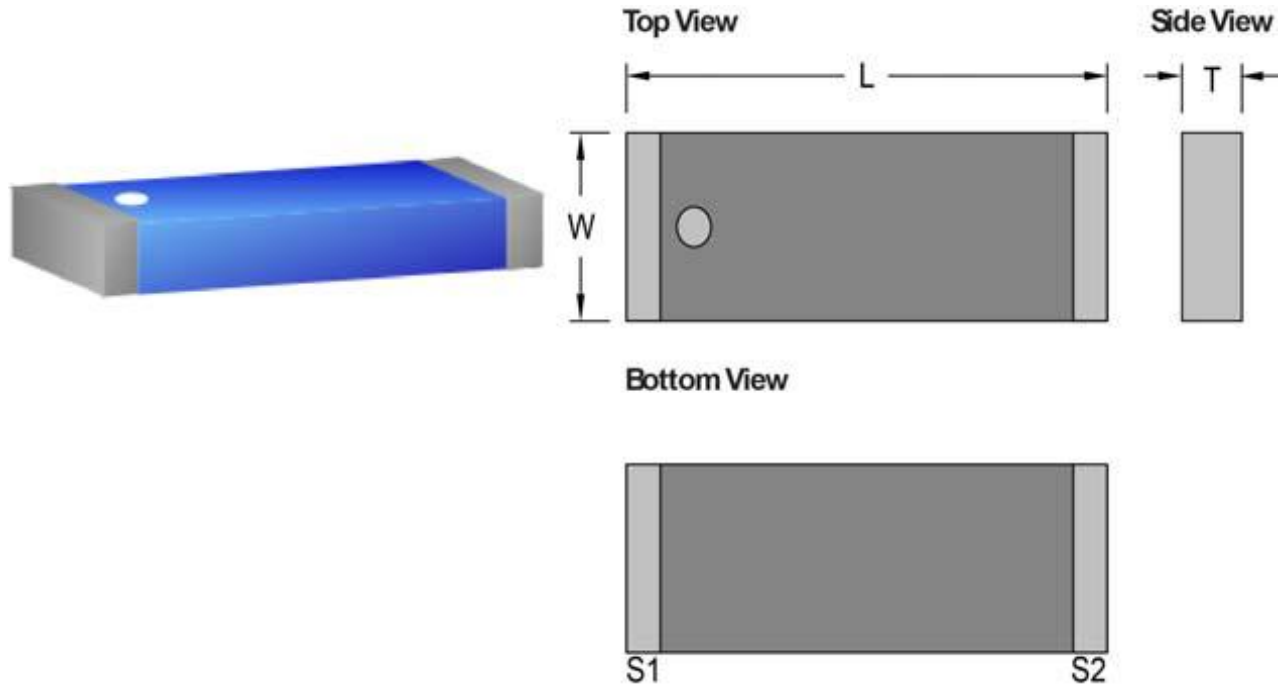
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MECHANICAL DRAWING



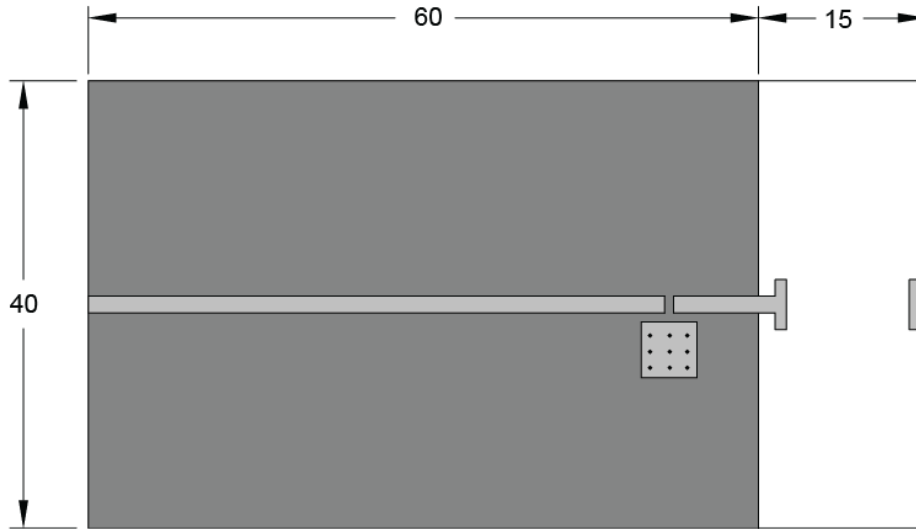
	Dimension
L (mm)	12.0 ± 0.50
W (mm)	4.00 ± 0.50
T (mm)	1.50 ± 0.30

Terminal name	Function
S1	Feeding Point
S2	Soldering Point

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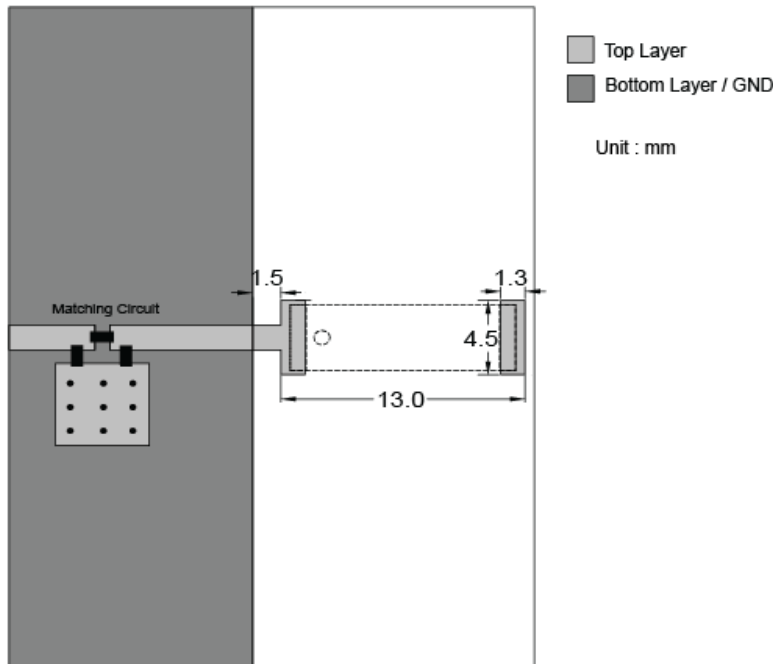
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REFERENCE DESIGN OF EVALUATION BOARD



Unit : mm

Outlook and dimension of evaluation board



Unit : mm

Dimension of footprint

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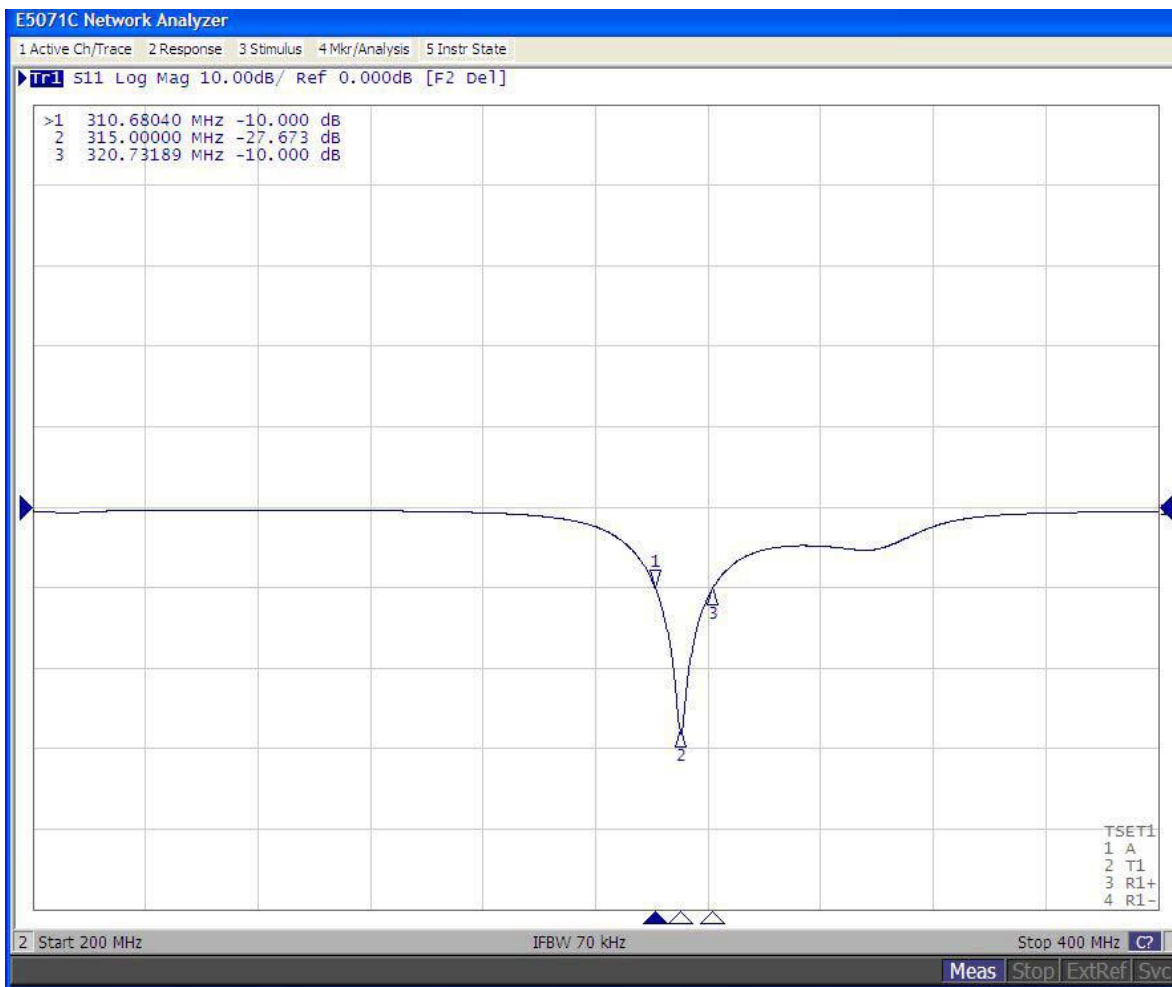
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ELECTRICAL PERFORMANCES



Maker data
 1. 310.68MHz, -10.000dB
 2. 315.00MHz, -27.673dB
 3. 320.73MHz, -10.000dB

Return loss

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REVISION HISTORY

Revision	Date	Description
Version 1	Nov. 20, 2020	- New issue

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