

Description: 1204 315MHz FR4 Chip Antenna

PART NUMBER: ANT1204F002R0315A

Features:

- Size : 12.3x4.0x1.6 mm
- Omni-directional Radiation
- Tape & reel automatic mounting
- Reflow process compatible
- RoHS compliant



Applications:

- Smart meter
- Industrial remote control
- ISM band equipment

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

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ELECTRICAL SPECIFICATIONS

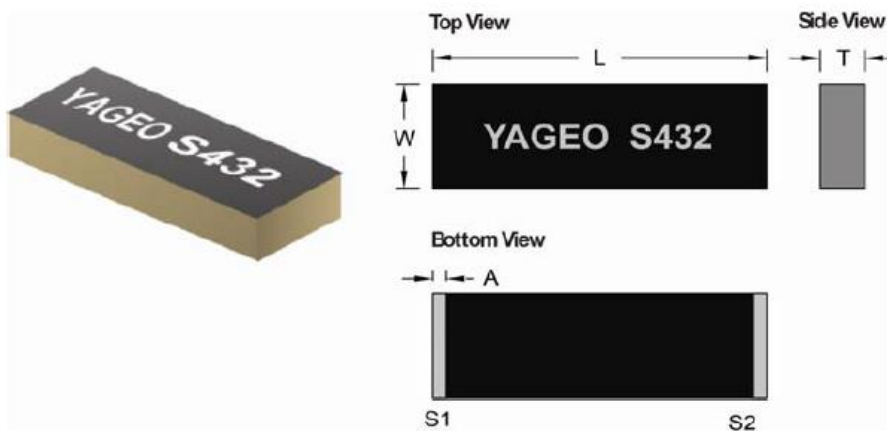
Centre Frequency	300~400 MHz
Bandwidth	16 MHz(min.)
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50 Ω
Operating Temperature	- 40~105 °C
Maximum Power	1 W
Termination	Cu / Au (Environmentally-Friendly Leadless)
Resistance to Soldering Heats	260°C , 10sec.

NOTE

1. The specification is defined on Pulse evaluation board

MECHANICAL DRAWING

	Dimension
L (mm)	12.3 ±0.20
W (mm)	4.00 ±0.20
T (mm)	1.60 ±0.20
A (mm)	0.50 ±0.20



Terminal name	Function
S1	Feeding Point
S2	Soldering Point

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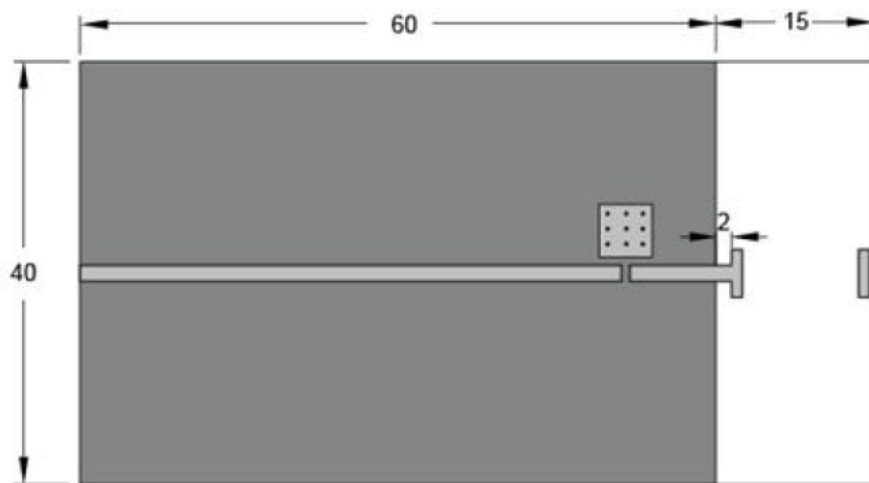
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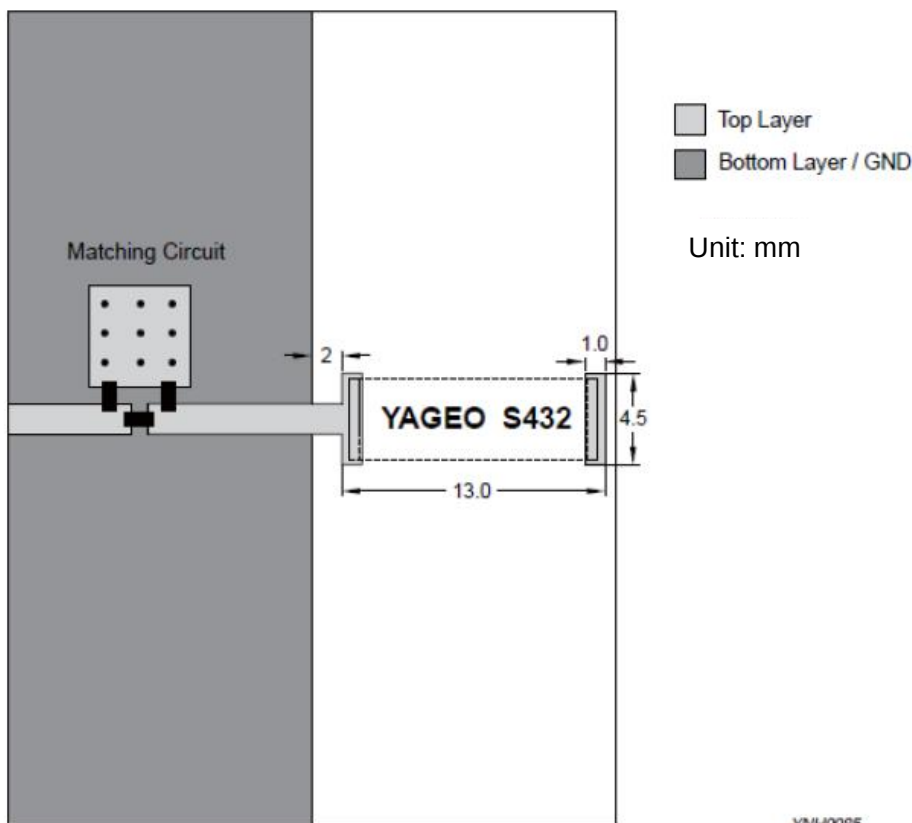
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REFERENCE DESIGN OF EVALUATION BOARD



Outlook and dimension of evaluation board

Unit: mm



Details of soldering Pad

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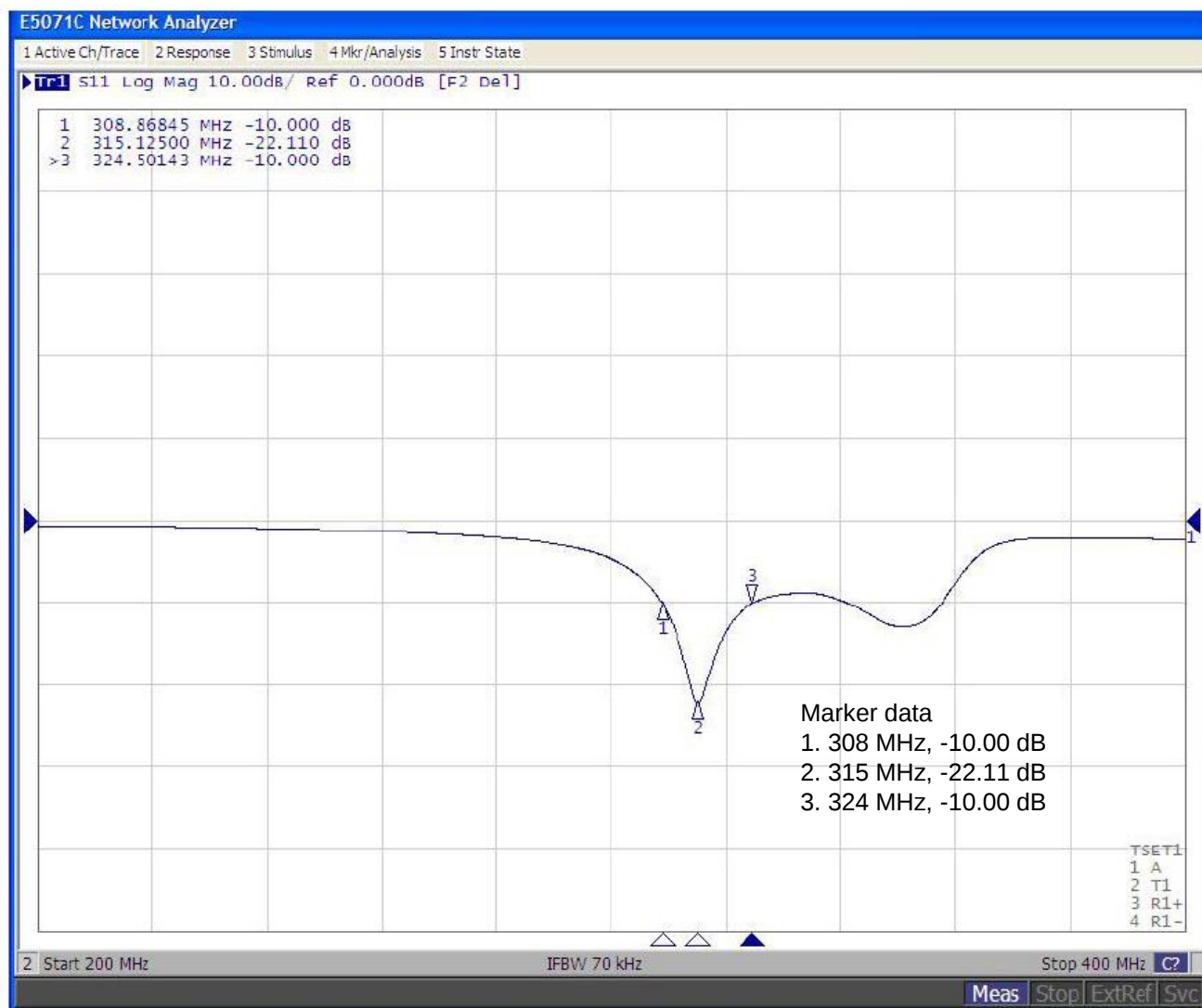
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ELECTRICAL PERFORMANCES



Return loss

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REVISION HISTORY

Revision	Date	Description
Version 1	Oct. 13, 2021	- New issue.