

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. CONFIDENTIAL AND PROPRIETARY INFORMATION



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TECHNICAL DATA SHEET

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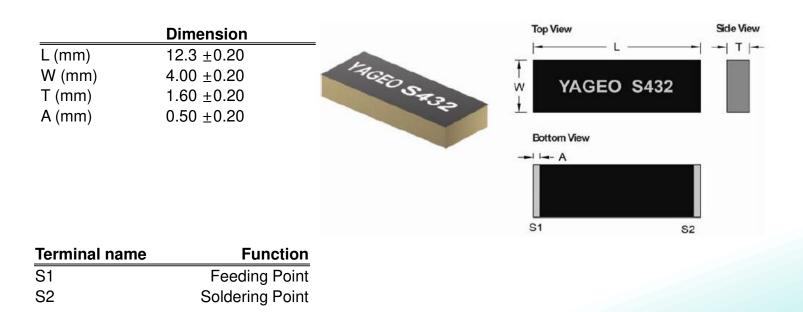
ELECTRICAL SPECIFICATIONS

Centre Frequency Bandwidth Polarization Azimuth Beamwidth Impedance Operating Temperature Maximum Power Termination Resistance to Soldering Heats

300~400 MHz 16 MHz(min.) Linear Omni-directional 50 Ω - 40~105 °C 1 W Cu / Au (Environmentally-Friendly Leadless) 260°C , 10sec.

NOTE 1. The specification is defined on Pulse evaluation board

MECHANICAL DRAWING



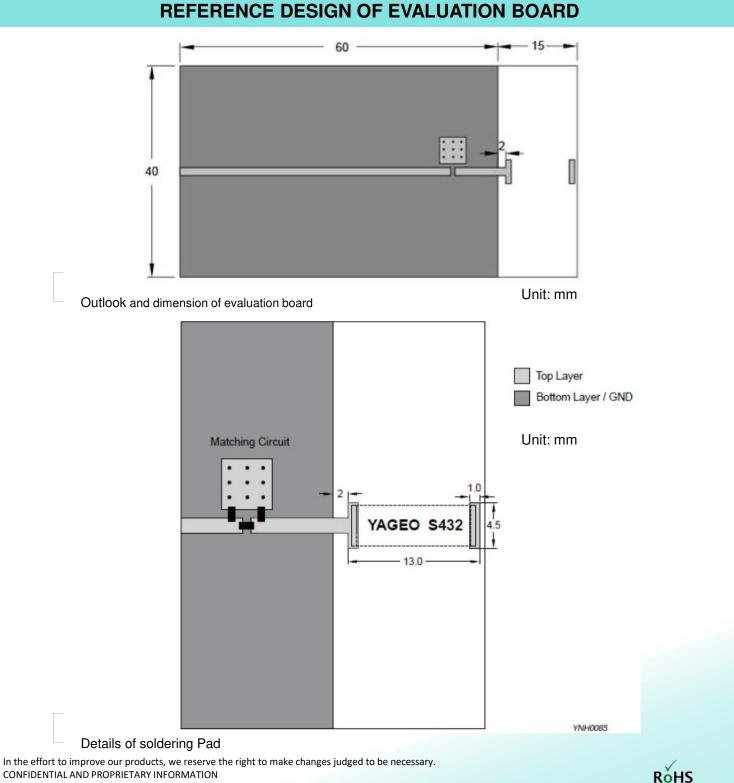
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ELECTRICAL PERFORMANCES

5071C Network Analyzer	
Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State	
TC1 511 Log Mag 10.00dB/ Ref 0.000dB [F2 Del]	
1 308.86845 MHZ -10.000 dB 2 315.12500 MHZ -22.110 dB >3 324.50143 MHZ -10.000 dB	
	3
	Marker data 1. 308 MHz, -10.00 dB 2. 315 MHz, -22.11 dB 3. 324 MHz, -10.00 dB
Start 200 MHz IFBW 70 kHz	TSET1 1 A 2 T1 3 R1+ 4 R1- Stop 400 MHz C?
	Meas Stop ExtRef Sv

Return loss

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REVISION HISTORY Revision Date Description Sep. 22, 2021 Version 1 - New issue.

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