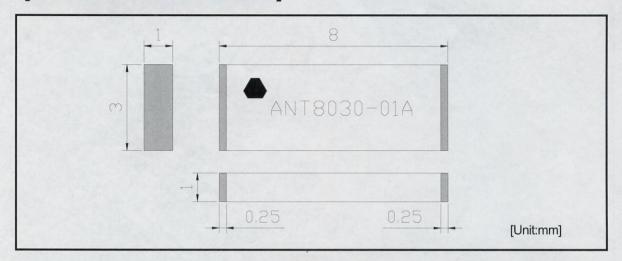
PRELIMINARY (under development)

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CHIP MULTILAYER ANTENNA FOR 2.4 GHz W-LAN / Bluetooth

SAMPLE P/N: **ANT8030-2R4-01A**

[MECHANICAL DIMENSIONS]



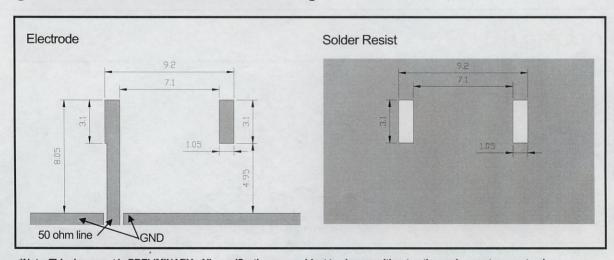
[ELECTRICAL CHARACTERISTICS]

PARAMETER		UNIT
Operation frequency	2.4 – 2.485	GHz
Polarization	Linear	NON
Antenna Gain	2 (Max)	dBi
Impedance	50	ohm
VSWR	2 (Max)	NON

Operating temperature	-40	+85	°C
Storage temperature	-40	+85	°C

Note: Please use the 0dBi = -2.15dBd to convert antenna gain expressed in dBd.

[RECOMMENDED PCB PATTERN]



*Note: This document is PRELIMINARY. All specifications are subject to change without notice and are not guaranteed.

PRELIMINARY (under development)

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Item:

Standard antenna:

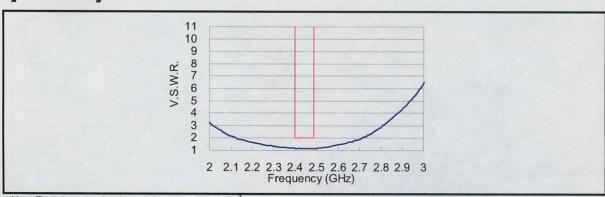
ANT8030-2R4-01A Standard dipole (Anritsu)

Tx antenna: Horn (TECOM) dBi 315 45 315 2.4425 2.485 -20 -30 225 135 Vertical Polarization **Horizontal Polarization** 10 10 dBi 0 2.4 2.4425 315 315 -10 2.485 -20 -30 225 135 **Horizontal Polarization** Vertical Polarization 2.4 2.4425 315 315 -10 -10 2.485 -30 270 225 180

Note: Tested antenna has been soldered on 55x20 mm² PCB.

Horizontal Polarization

[V.S.W.R.]



Vertical Polarization

Note: Tested antenna has been soldered on 55x20 mm² PCB.

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