

antenna SPECIFICATION

Product description: 2.4G Ceramic antenna

Uni Link's part number: RFANT3216120A5T

Issue Date: 2018

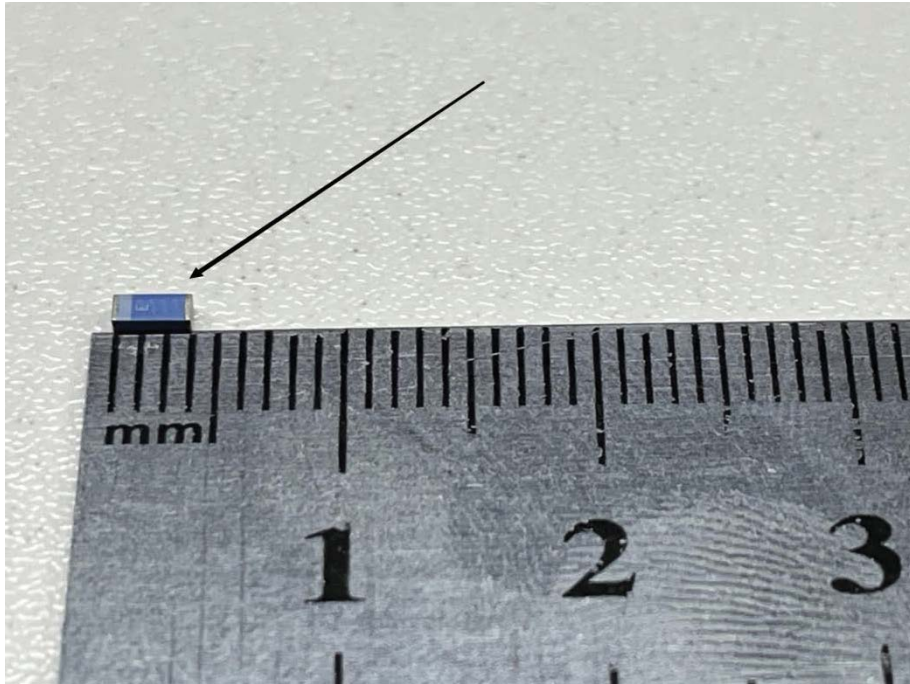
Note: 2400-2500MHZ

1、 (PRODUCT TECHNICAL SPECIFICATION)

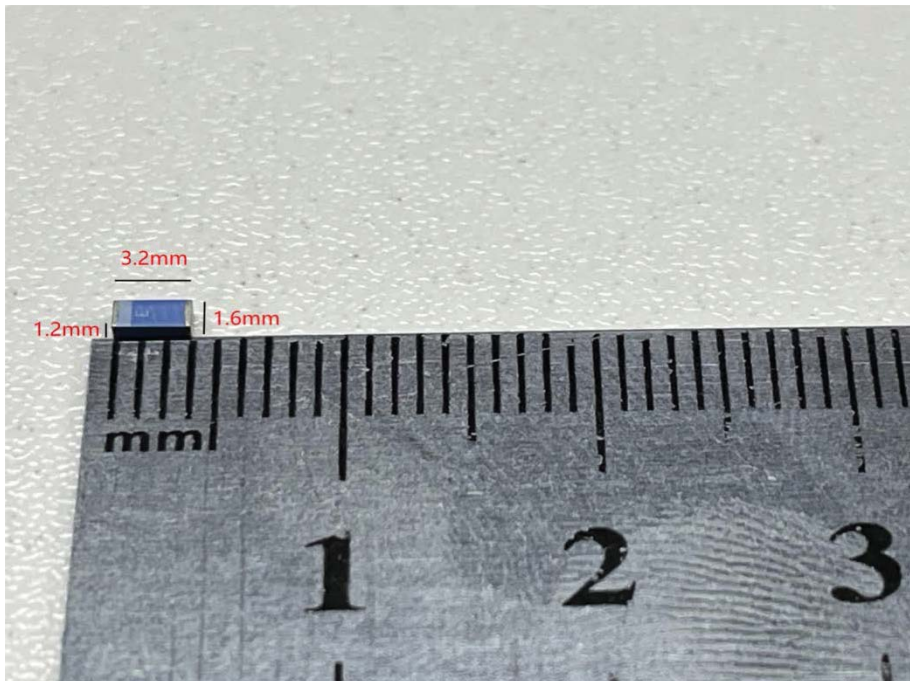
Electrical Specifications	
Frequency Range (MHz)	2400-2500
Input Impedence (Ω)	50
V.S.W.R	2 max.
Gain (dBi)	2.93
Polarization Type	Linear
Power Capacity (w)	3 W max.
Mechanical Specifications	
Antenna Length (mm)	3.20 ± 0.20 mm
Radiator	ceramics
Connect Type	PCB patch
Working Temp($^{\circ}\text{C}$)	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Storage Temperature($^{\circ}\text{C}$)	$+5 \sim +40$ $^{\circ}\text{C}$
antenna size	L3.20mmx W1.6mm x T1.2mm

Weight (g)	0.01816
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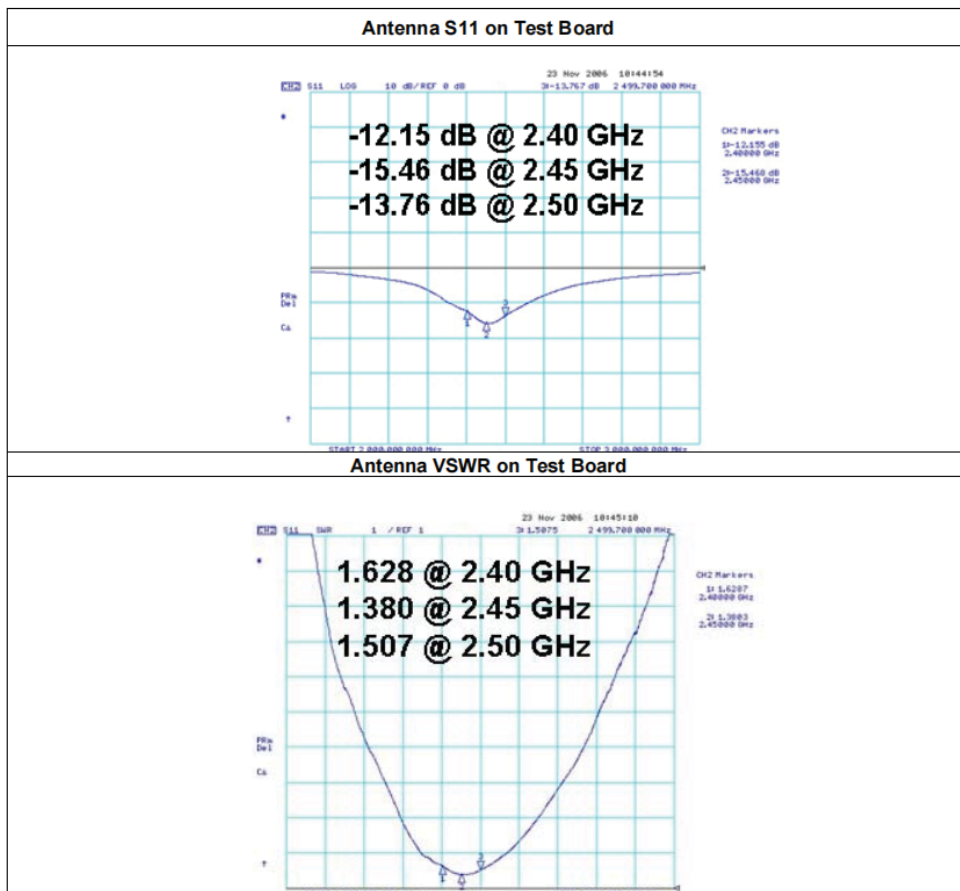
2、PRODUCT PICTURE



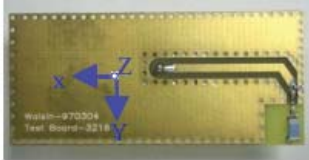
3、PRODUCT SPECIFICATION CHART



4、 Image of antenna field shape test



5、 Antenna Gain



	Vertical	Horizontal
Y - Z Plane Average Gain= 0.948 dBi	<p>Peak Gain = 2.93dBi Average Gain = 0.60dBi</p>	<p>Peak Gain= -5.60dBi Average Gain=-10.19dBi</p>
X - Z Plane Average Gain= -2.147 dBi	<p>Peak Gain= -4.98 dBi Average Gain= -9.68dBi</p>	<p>Peak Gain= 1.61 dBi Average Gain= -2.99 dBi</p>
X - Y Plane Average Gain= -2.810 dBi	<p>Peak Gain= -3.79 dBi Average Gain= -8.89dBi</p>	<p>Peak Gain= 0.77 dBi Average Gain= -4.04 dBi</p>