

252502
Ceramic Antenna
(902–928 MHz)
Data Sheet

1.General matters

1.1 Scope of Application

Suitable for RFID UHF 920-925 MHz antenna


1.2 Temperature range for use

The temperature range for this product is -20+65 °C

1.3 Storage temperature range

This product is stored at -30+75 °C

2. General specifications of the product

NO.	ITEMS	DETAILS
1	model	RFID
2	frequency	902-928 MHz
3	VSWR	≤2.0
4	Gain	1.0±1dBi
5	Radiation Efficiency	≥50%
6	impedance	50 Ω
7	Antenna type	ceramic planar antennas
8	picture	

3. Specification details

3.1 Structural parameters

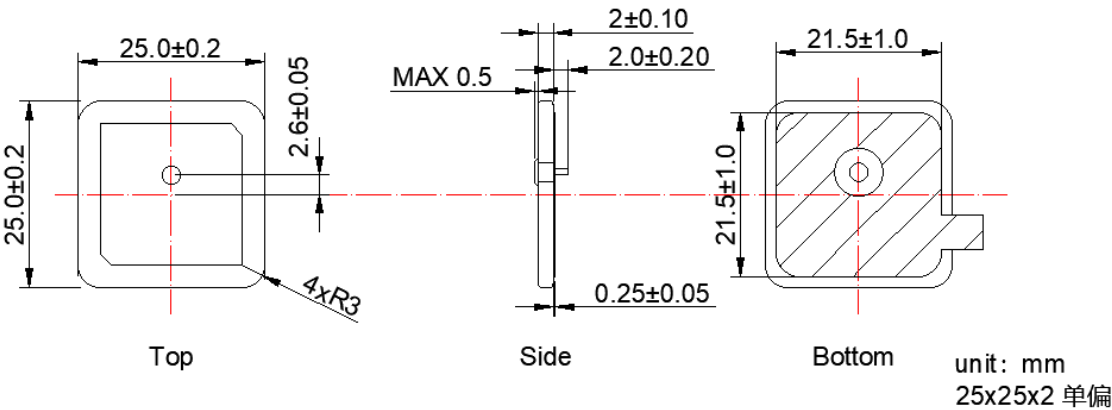
3.11 Material Composition:

No	Material	Specification (MM)
1	Ceramic (including silver paste)	25x25x2mm
2	needles	4. 0mm
3	double-sided tape	0. 15 mm

3.12 Appearance

The product has a good appearance and is free from serious defects such as scars, sweat marks, and protrusions that may affect its appearance

3.13 Structural dimension product drawings:



3. 2 Electrical performance test data

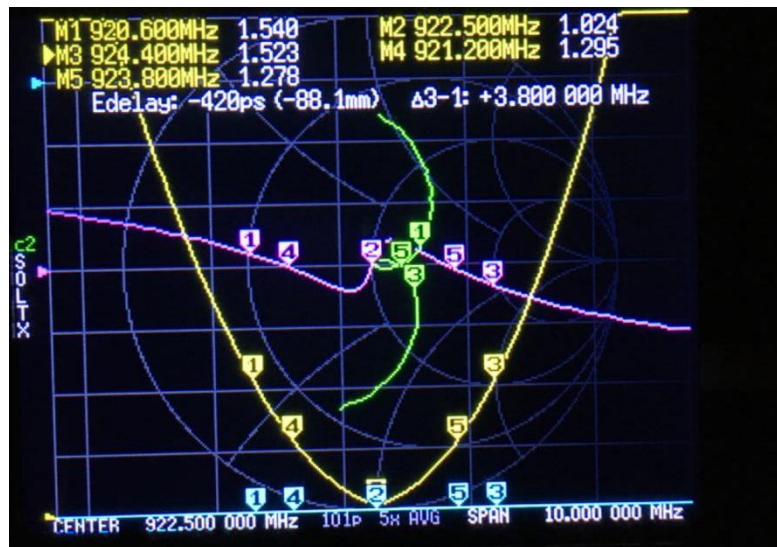
3.21 Testing Environment and Instrument Equipment

Test environment: Temperature: 10℃——+30℃ Relative humidity: ≤80% (+40℃) Atmospheric pressure: 750mmkg±30mmkg	Testing equipment: network analyzer
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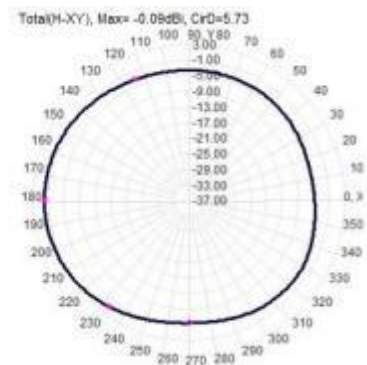
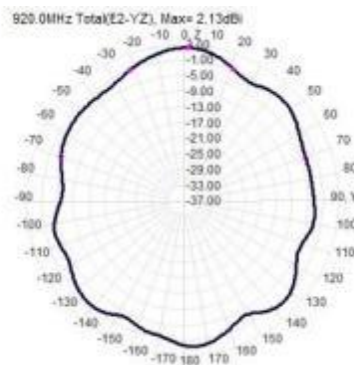
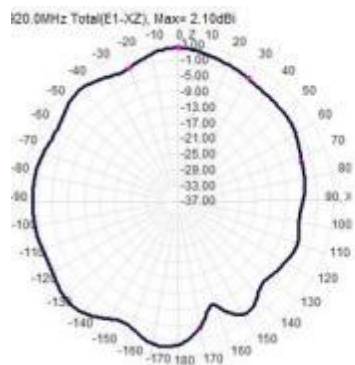
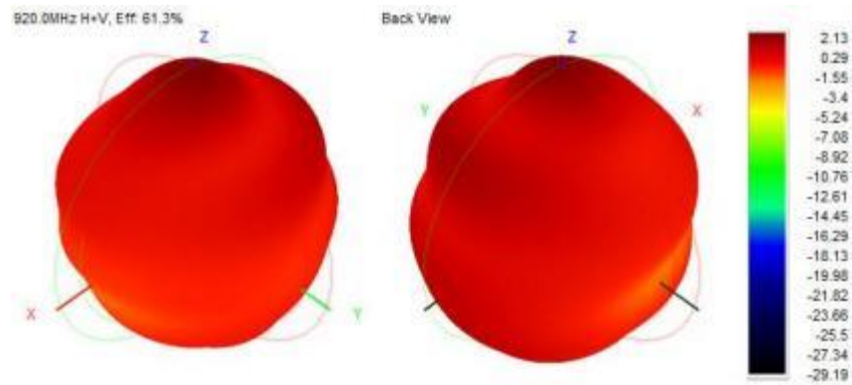
3.22 Electrical Performance Test Data:

3.22.1 S11 diagram of antenna:

Frequency (MHz)	902.5	910.5	914.5	920.5	927.5
VSWR	1.55	1.30	1.03	1.25	1.52



3. 22. 2 Radiation pattern



4. Packaging method

Blister tray packaging, 56PCS per tray