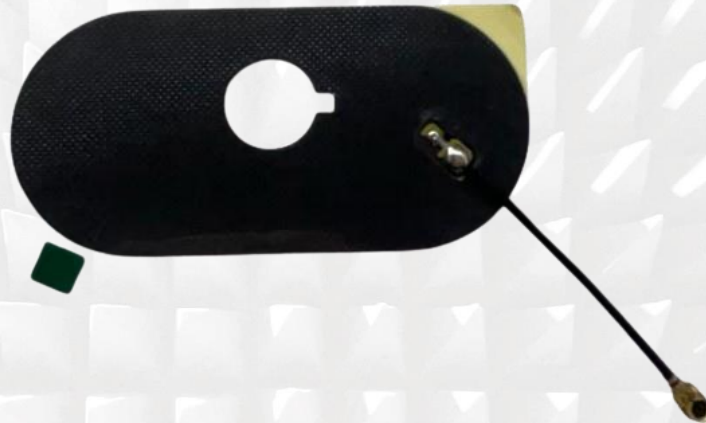




Antenna Datasheet

Product OC: Y0SQA0CA0CA

Version: 1.0

Date: 2026-03-25

Status: Preliminary

Product Name: NFC FPC Antenna

Key Features:

Frequency Band: 13.56 MHz

Dimensions: 58.0 mm × 28.0 mm × 0.25 mm

Efficiency: /

Note: The number of antenna turns is 4

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1 Specification

Test Condition: Assembled in test device

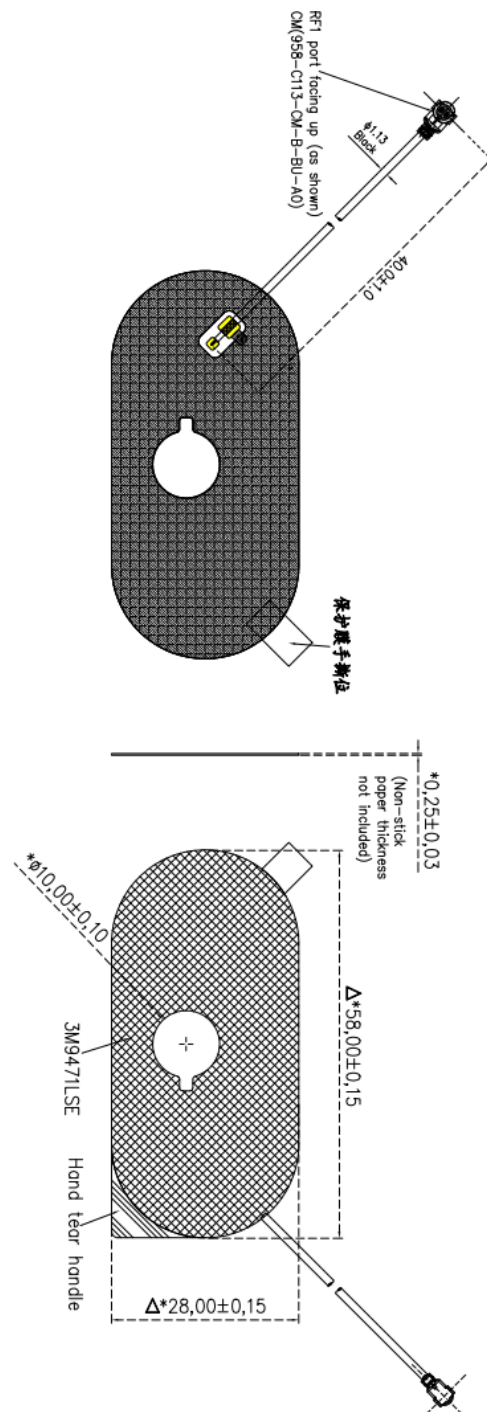
1.1. Electrical

Electrical	
Frequency Range	13.56 MHz
Impedance	50 Ω

1.2. Mechanical & Environmental

Mechanical	
Antenna Dimensions	58.0 mm × 28.0 mm × 0.25 mm
Material & Color	FPC +Ferrite & Black
Mounting Type	Adhesive
Weight	Typ. 1.39 g
Environmental	
Operation Temperature	-40 °C to +85 °C
Storage Temperature	-40 °C to +85 °C
RoHS Compliant	Yes

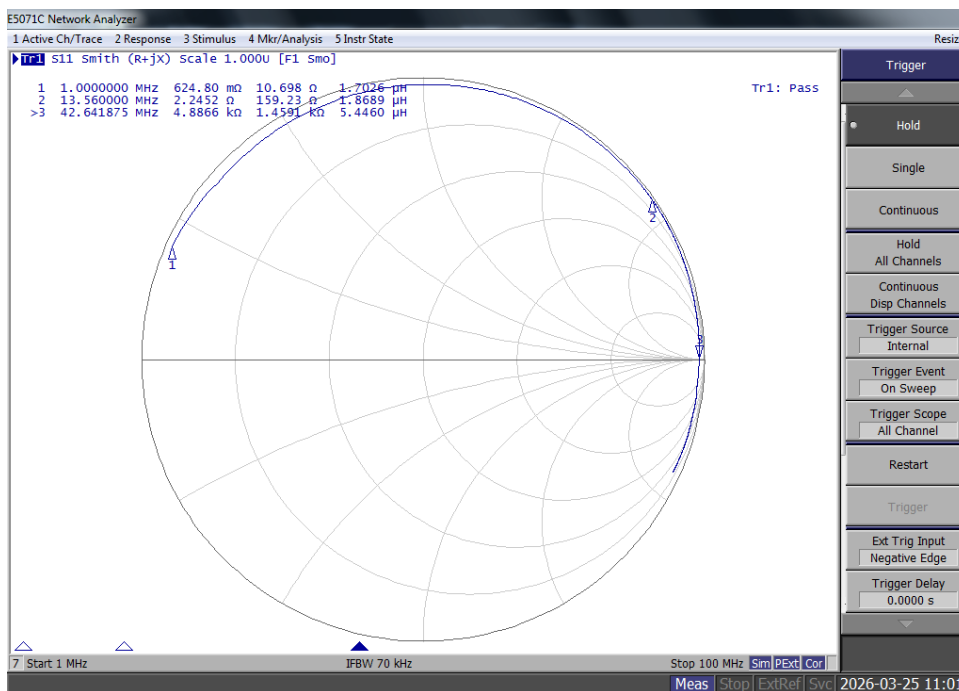
2 Drawing



3 Detailed Performance

- Manufacturer: Quectel Wireless Solutions (Changzhou) Co., Ltd.
Address: No.8 Nanhu West Road, Wujin District, Changzhou City, Jiangsu Province, China

3.1. VSWR



electrical parameter	numerical value
Rs@13.56MHz	2.24Ω
La@13.56MHz	1.87μH
Fra	42.64MHz
Rp	4.89kΩ

Contact Us

At Quectel, our aim is to provide timely and comprehensive services to our customers. If you require any assistance, please contact our headquarters:

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Email: info@quectel.com

Or our local offices. For more information, please visit:

<https://www.quectel.com/contact/>.

For technical support, or to report documentation errors, please visit:

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