

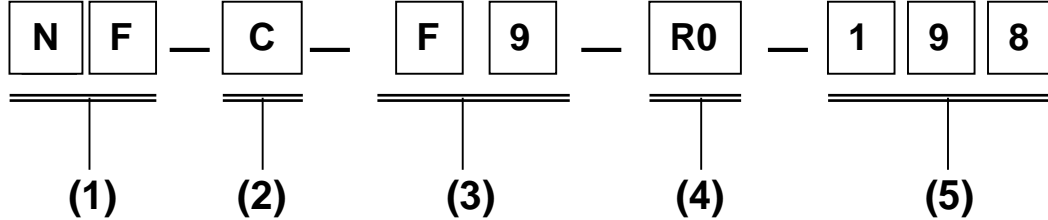


# NF-C-F9-R0-198 Specification

## 1. Applications:

Near Field Communication (NFC) 、RFID

## 2. Explanation of Part Number:



- (1) Product type: NF-Near Field Communication
- (2) Material: FPCB+Ferrite
- (3) Substrate: Ferrite Type
- (4) Frequency: R0-13.56MHz (RFID, HF Band)
- (5) Suffix : 198

## 3. Electrical Specification:

Electrical Specification*	
Center Frequency (MHz)	13.56
Frequency Range (MHz)	12 ~15

\*Single NFC antenna measurement result

UNLESS OTHER SPECIFIED TOLERANCES ON :

X = ±            X.X = ±            X.XX = ±

ANGLES = ±            HOLEDIA = ±



INPAQ TECHNOLOGY CO., LTD.

SCALE :

UNIT : mm

DRAWN BY: 尹猛

CHECKED BY : 李志强

DESIGNED BY : 周煜

APPROVED BY : 唐龙

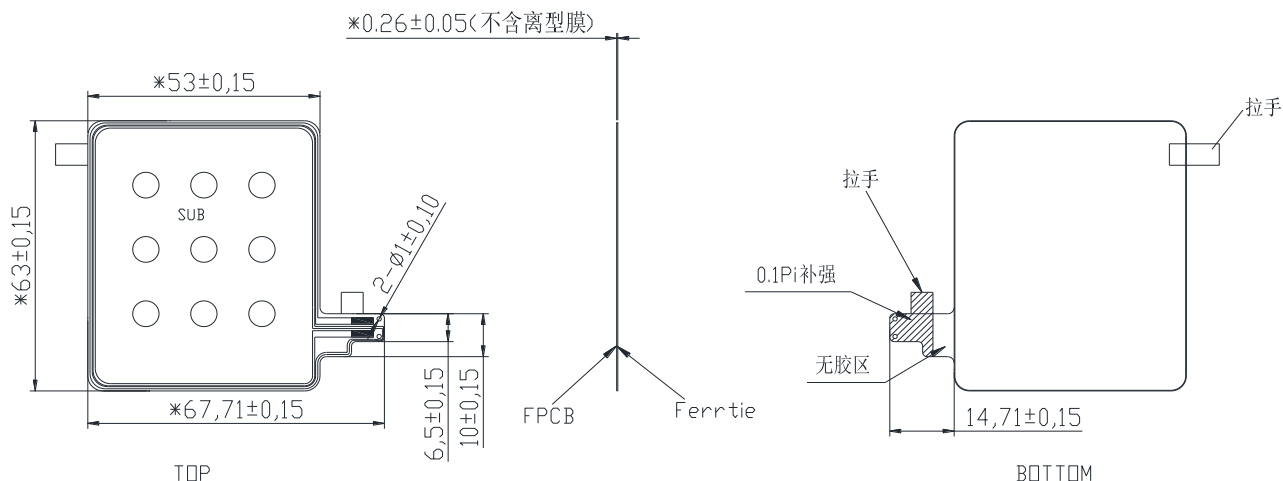
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#### 4. Dimensions: (贴附方式为 FPC 贴铁氧体; \*尺寸为检验尺寸)



#### 4.1 Antenna Composition

技术要求:

NFC : 0.12T FPC+0.14T Ferrite

1. 厚度:  $0.26 \pm 0.05$ mm
2. 颜色: 黑色
3. PAD处表面处理Au , 盐雾24H

#### 5. Recognition Distance

Chip name		Ultralight - C	Ultralight	M1-S50	S70	Mifare-Plus	Des fire	18092	ISO 15693	Type B
Recognition Distance	小尺寸	23 ↑	45 ↑	49 ↑	49 ↑	35 ↑	45 ↑	39 ↑	50 ↑	21 ↑
	大尺寸	24 ↑	30 ↑	35 ↑	37 ↑	35 ↑	35 ↑	24 ↑	45 ↑	23 ↑

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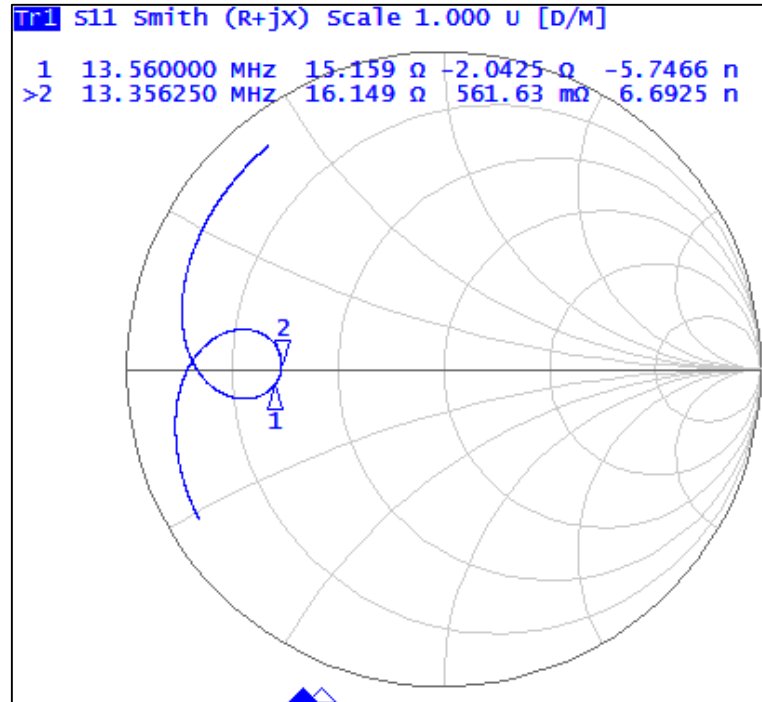
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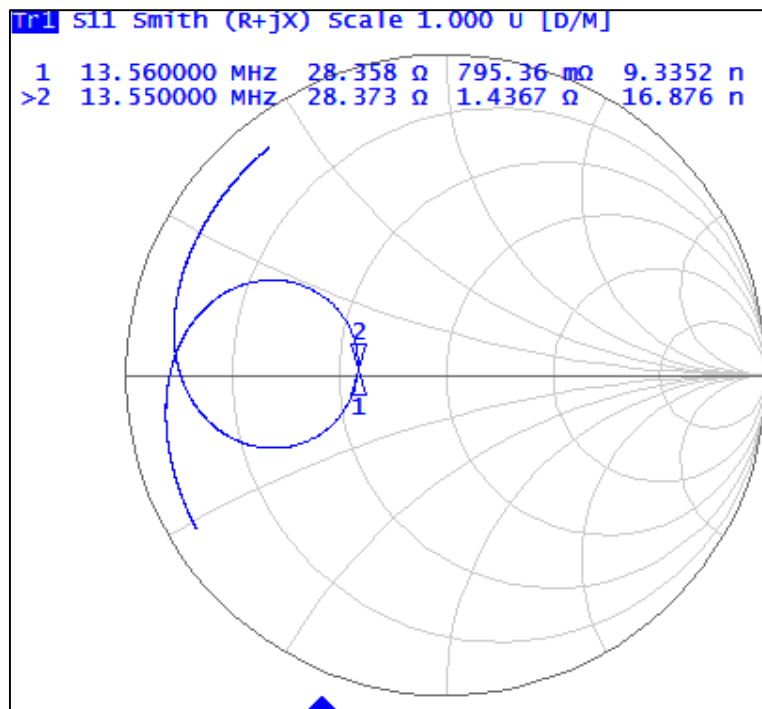
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## 6 · NFC Antenna Reader Mode Load Impedance

大尺寸副屏:



小尺寸副屏:



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