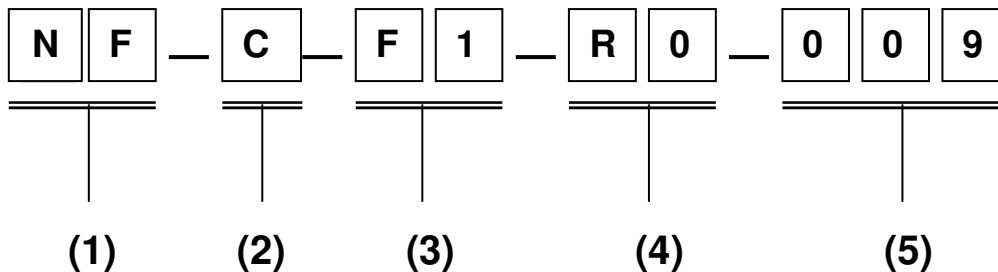


NF-C-F1-R0-009 Specification

1. Applications:

Near Filed Communication (NFC) 、RFID

2. Explanation of Part Number:



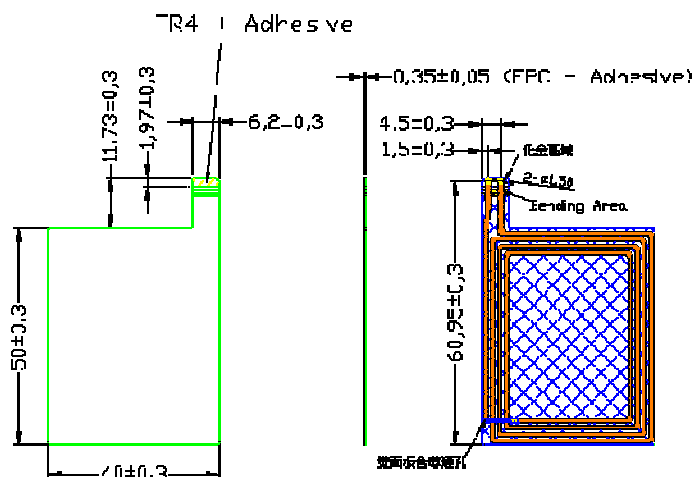
- (1) Product type: NF-Near Field Communication
- (2) Material: C-FPCB+Ferrite
- (3) Substrate: F1-Ferrite Type
- (4) Frequency: R0-13.56MHz (RFID, HF Band)
- (5) Suffix : 000

3. Electrical Specification:

Electrical Specification*	
Center Frequency (MHz)	13.56
Frequency Range (MHz)	12 ~15
Impedance (Ω) (R)	7.3 (typ.)@13.56MHz
Impedance (Ω) (jX)	-217 (typ.)@13.56MHz
Series Inductance (μH)	2.58 (typ.)@13.56MHz
Dimension (mm)	50 x 37.1 x 0.35 (L x W x H)

*Single NFC antenna measurement result

4. Dimensions:



Unit: mm

UNLESS OTHER SPECIFIED TOLERANCES ON :

X = ± X.X = ± X.XX =
 ANGLES = ± HOLE DIA = ±



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 張嘉穗

CHECKED BY: 楊奇峰

DESIGNED BY: 楊仲哲

APPROVED BY: 黃月碧

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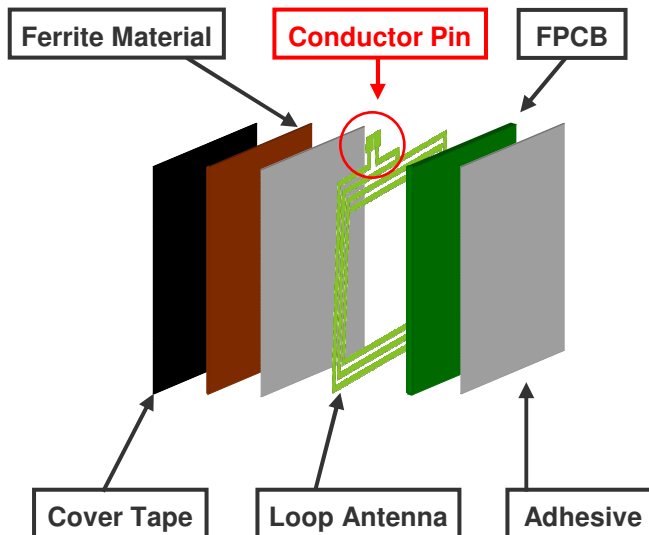
TITLE : NF-C-F1-R0-009

DOCUMENT NO.

SPEC REV.

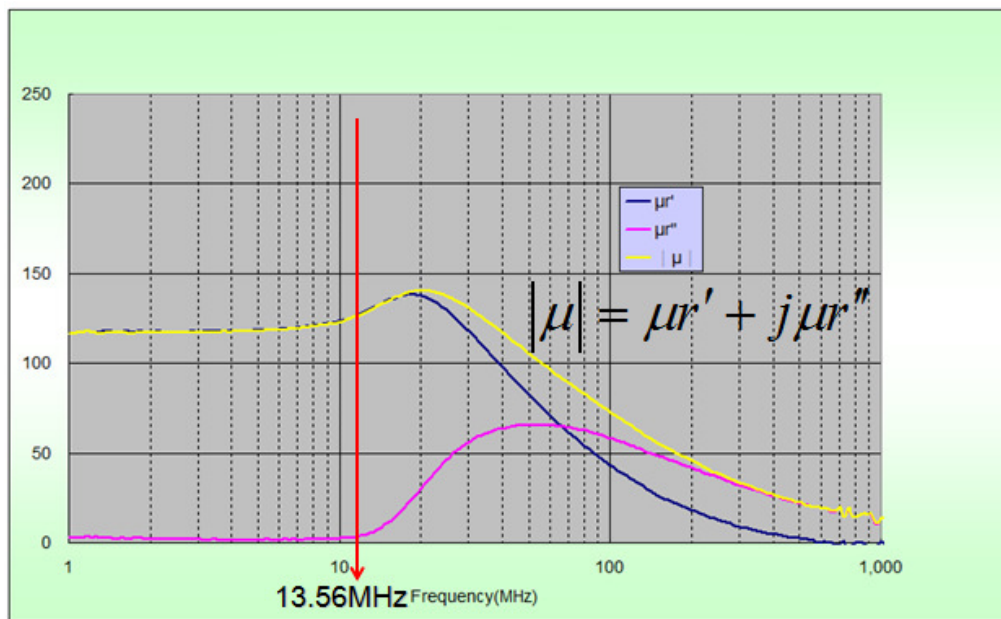
P0

4.1 Antenna Composition



5. Ferrite Permeability Curve :

5.1 Ferrite Material Permeability



*Ferrite characteristic based on 13.56MHz.

UNLESS OTHER SPECIFIED TOLERANCES ON :

X = ± X.X = ± X.XX =
 ANGLES = ± HOLE DIA = ±



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