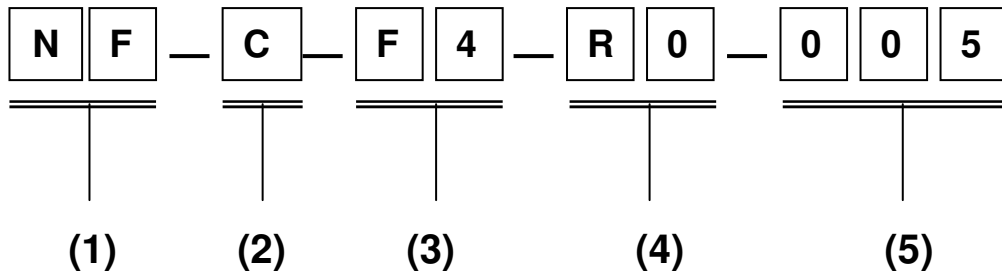


# NF-C-F4-R0-005 Specification

## 1. Applications:

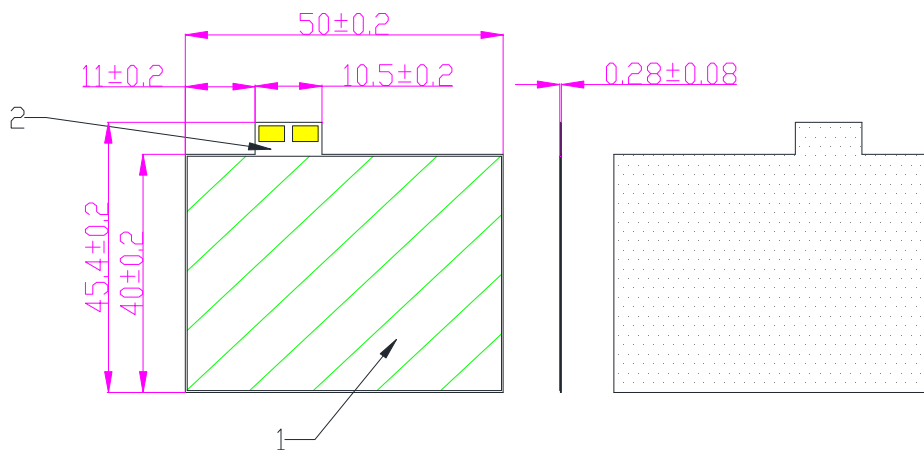
Near Filed Communication (NFC) · RFID

## 2. Explanation of Part Number:



- (1) Product type: Near Field Communication
- (2) Material: FPCB+Ferrite
- (3) Substrate: F4-Ferrite Type
- (4) Frequency: R0-13.56MHz (RFID, HF Band)
- (5) Suffix : 005

## 3. Dimensions:



ITEM	DESCRIPTION	MATERIAL SPECIFICATION	QUANTITY	UNIT
1	FPCB	50.0*40.0mm	1	PCS
2	Ferrite	49.40*39.40*0.12mm	1	PCS

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=±      X.X=±      X.XX=±  
 ANGLES=±      HOLEDIA=±



INPAQ TECHNOLOGY CO., LTD.

SCALE :      UNIT : mm  
 DRAWN BY: 趙彥年      CHECKED BY: 楊奇峯  
 DESIGNED BY: 許博凱      APPROVED BY: 謝立庭

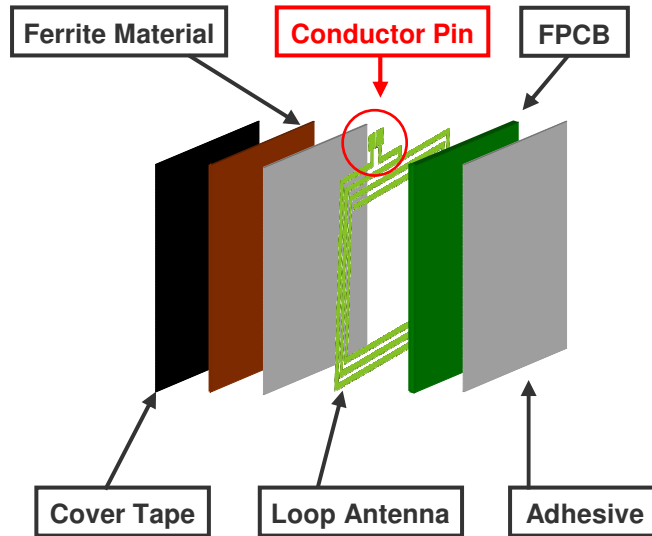
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TITEL : NF-C-F4-R0-005 Specification	DOCUMENT	SPEC REV.
	NO.	

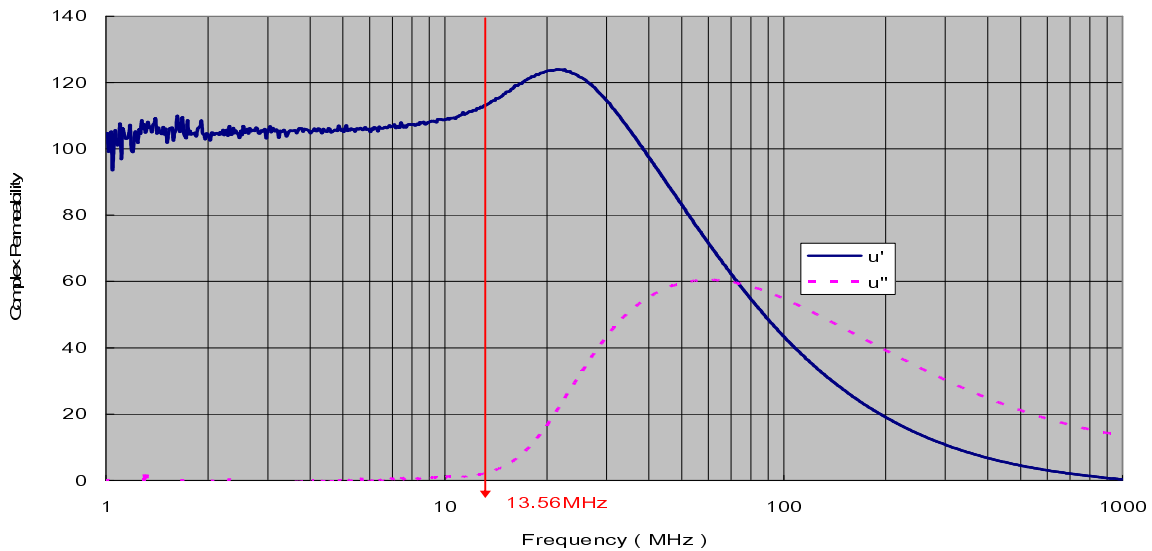
### 3.1 Electrical Specification

Frequency(MHz)	R( $\Omega$ )	L( $\mu$ H)
13.56	2.4 ~ 1.8	2.0 ~ 1.6

### 3.2 Antenna Composition



### 4. Ferrite Permeability Curve :



Permeability (@13.56MHz)	$\mu'$	115 $\pm$ 20%
	$\mu''$	3 Typ.
Operation Temperature		-40~+85°C

UNLESS OTHER SPECIFIED TOLERANCES ON :

X=±      X.X=±      X.XX=±  
 ANGLES=±      HOLEDIA=±



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TITEL : NF-C-F4-R0-005 Specification

DOCUMENT

SPEC REV.

NO.

P1