

承認書

APPROVAL SHEET

產品品名/Product Model No. : **NF-C-FF-R0-046**

客戶料號/Customer No. :

專案名稱/Project Name: **SH6670**

發行日期/ Issue Date : **2026/08/07**

承認日期/ Approved Date :

Approved by customer: (signing or stamping here)



I-FM-19-03

UNLESS OTHER SPECIFIED TOLERANCES ON:

$X = \pm$ $X.X = \pm$ $X.XX =$
 $ANGLES = \pm$ $HOLE DIA = \pm$



INPAQ TECHNOLOGY CO., LTD.

SCALE: N/A

UNIT: mm

DRAWN BY:

CHECKED BY:

DESIGNED BY:

APPROVED BY:

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

TITLE: **NF-C-FF-R0-046** Specification

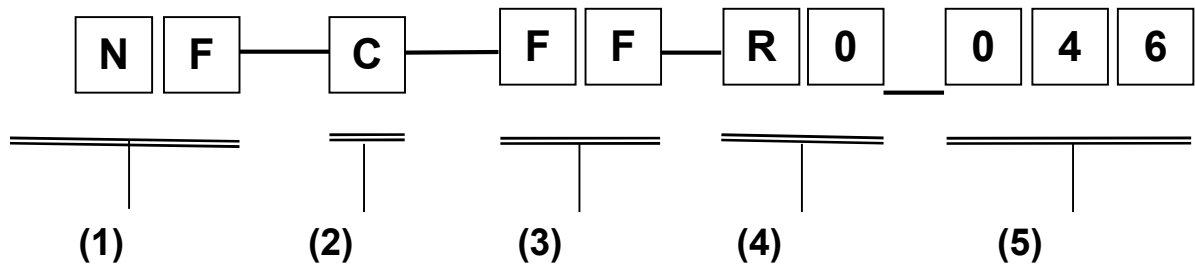
DOCUMENT
NO.

ENS000XXXXX

SPEC REV.
P0

NF-C-FF-R0-046 Specification

1. Explanation of Part Number:



- (1) Product type: NF-Near Field Communication
- (2) Material: FPC + Ferrite
- (3) Substrate: F0
- (4) Frequency: R0-13.56MHz (RFID, HF Band)
- (5) Suffix : Serial number 046

2. Electrical Specification:

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

* NFC antenna measurement result in SH6670 NFC model

Test Item	Test Condition	Specification
Inductance	100K Hz, 1V	$0.85 \pm 5\% \mu\text{H}$
DCR	@25°C	$\leq 420\text{m}\Omega$

Note: This electrical specification definition is based on samples taken under factory jig tool conditions, and there may be differences in different testing environments and equipment.

UNLESS OTHER SPECIFIED TOLERANCES ON:

X = $\pm$ X.X = $\pm$ X.XX =
ANGLES = $\pm$ HOLE DIA = $\pm$



INPAQ TECHNOLOGY CO., LTD.

SCALE: N/A

UNIT: mm

DRAWN BY:

CHECKED BY:

DESIGNED BY:

APPROVED BY:

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

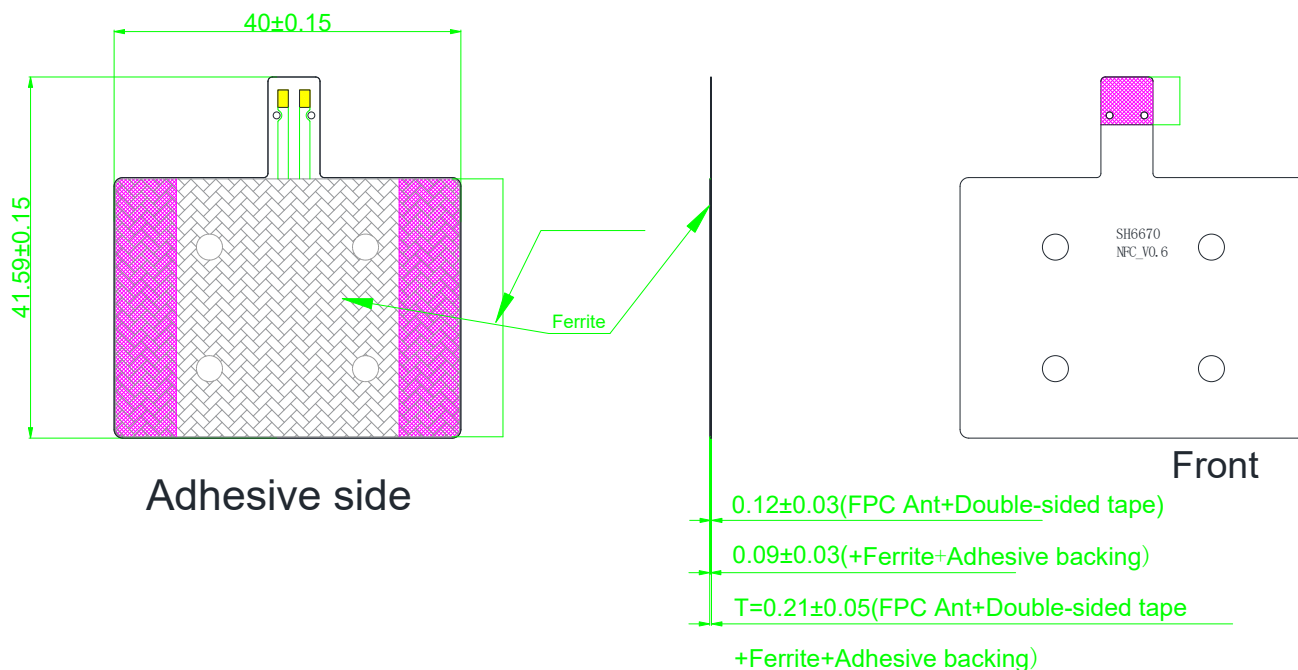
TITLE: NF-C-FF-R0-046 Specification

DOCUMENT
NO.

ENS000XXXXX

SPEC REV.
P0

3. Assemble Dimension:



Material Description:

1.T=0.21±0.05mm (FPC+Ferrite+PET),

2.FPC:

Adhesive: Tesa 68905;

Copper Foil: ED copper 0.5oz 18μm;

Substrate: PI 0.5mil 12.5μm;

Surface Treatment: Black ink, white characters;

Gold fingers plated with Ni 2~7 μm, Au ≥ 0.05 μm,

3.Ferrite = 0.08 mm, 0.01 mm PET film, 0.01 mm adhesive backing

4. Operating & Storage Condition:

a.) OPERATING TEMPERATURE RANGE: -25°C~+75°C

b.) STORAGE TEMPERATURE RANGE: -20°C~+75°C; HUMIDITY:50% MAX.

UNLESS OTHER SPECIFIED TOLERANCES ON:

X = ± X.X = ± X.XX =

ANGLES = ± HOLE DIA = ±



INPAQ TECHNOLOGY CO., LTD.

SCALE: N/A

UNIT: mm

DRAWN BY:

CHECKED BY:

DESIGNED BY:

APPROVED BY:

THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION

TITLE: NF-C-FF-R0-046 Specification

DOCUMENT
NO.

ENS000XXXXX

SPEC REV.
P0