

Model No. : RFNFC190400NNFB001

1. Explanation of part number :

| RF | NFC | 1904 | 00 | N | N | F | B | 0 | 01 |
|-----------|--------------|---|---|--|--|---|--|--|---------------------|
| Type Code | Product Code | FPC Dimension (Unit: mm) | Cable Length (unit: cm) | Connector Brand | Type of Connector | Application | Project status | Wire Diameter | Project |
| RF Device | NFC Antenna | Per 2 digits of length, width e.g.:2818 Length 28.32mm Width 18.44mm | 2 digits for cable length e.g.: 00 None Cable | A: N C:MCX D:IPEX III E: IPEX IV F: IPEX A13 H: Hirose I: IPEX M: MMCX S: SMA T: TNC U:MURATA N: None | A: Reverse Female B: Reverse Male F: Female M: Male N: None | 0: 0GHz 3: 3GHz 6: 6GHz A: 2.4GHz ISM band B: GSM 900/1800 dual band F : NFC+Ferrite Sheet G: GPS band L: 2.4/5.2/5.8 GHz tri-band N: NFC T: LTE band W: WCDMA band | B: MP T:During Test X: Pile Run | 0:None 1:∅ 0.81 2:∅ 1.32 3:∅ 1.13 4: Low Loss ∅ 1.13 5:∅ 0.5 6:RG316 7: ∅ 1.37 8:RG178 9: Low Loss ∅ 1.37 | 01~99 series number |

2. Electrical Specification :

| Item | Specification |
|--------------------------|---------------------------|
| Working Frequency Range | 13.56 MHz |
| Cu thickness | >70 μm (Higher is better) |
| La(1 MHz) | 1.08 uH |
| Rs(1 MHz) | 1.35 Ω |
| Self resonance frequency | 60.5 MHz |
| Test frequency | 1 MHz |
| Rp | 5.8 k Ohm |
| Operation Temperature | -20℃ ~ +65℃ |

UNLESS OTHER SPECIFIED TOLERANCES ON :
X=N/A X.X=N/A X.XX=N/A
ANGLES=N/A HOLEDIA=N/A



INPAQ TECHNOLOGY CO., LTD.

SCALE : N/A

UNIT : mm

DRAWN BY : 李欣樺

CHECKED BY : 詹惠雯

DESIGNED BY : 林育帆

APPROVED BY : 陳振榮

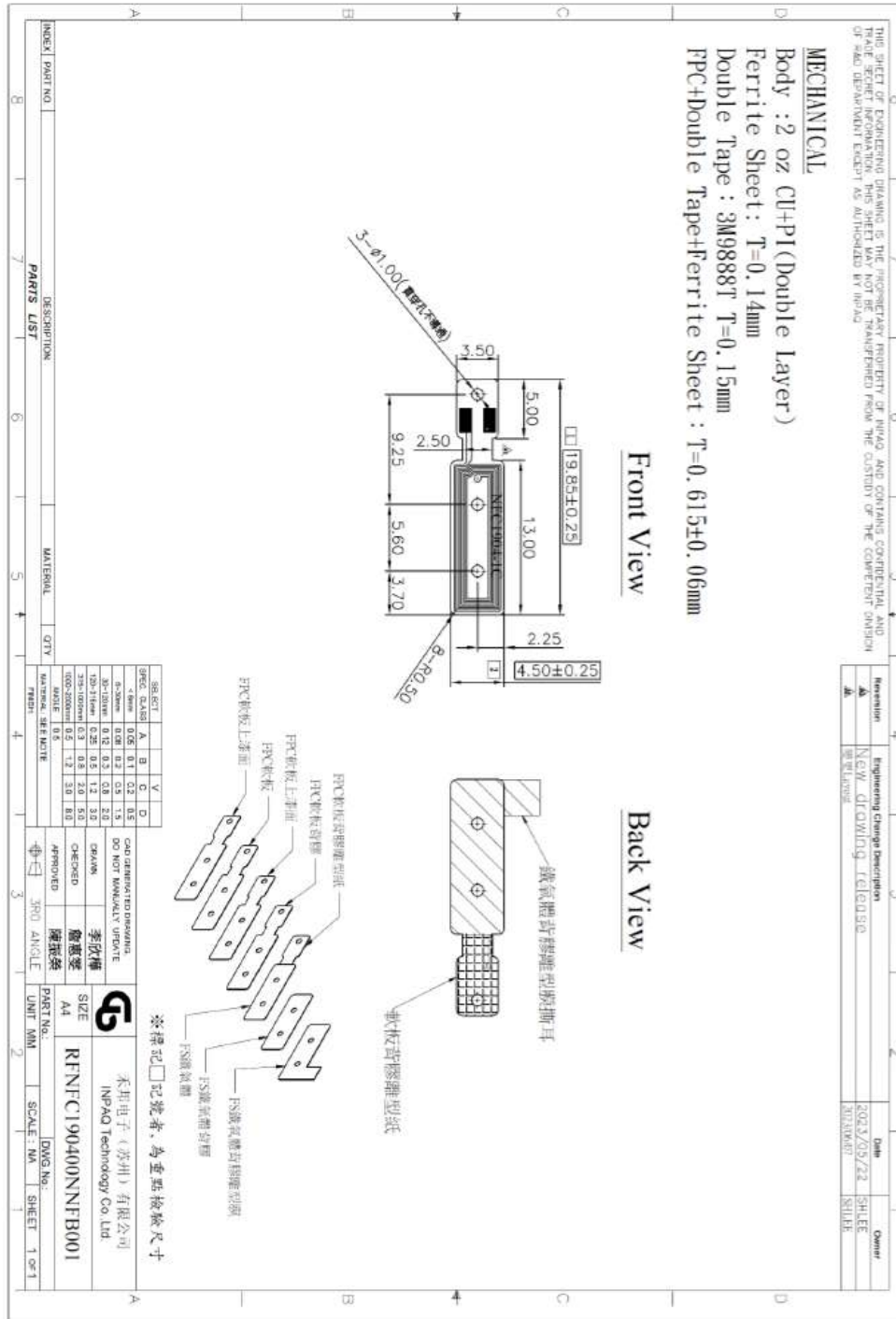
DOCUMENT NO.

ENS070030450-000880301247

SPEC REV.
A0

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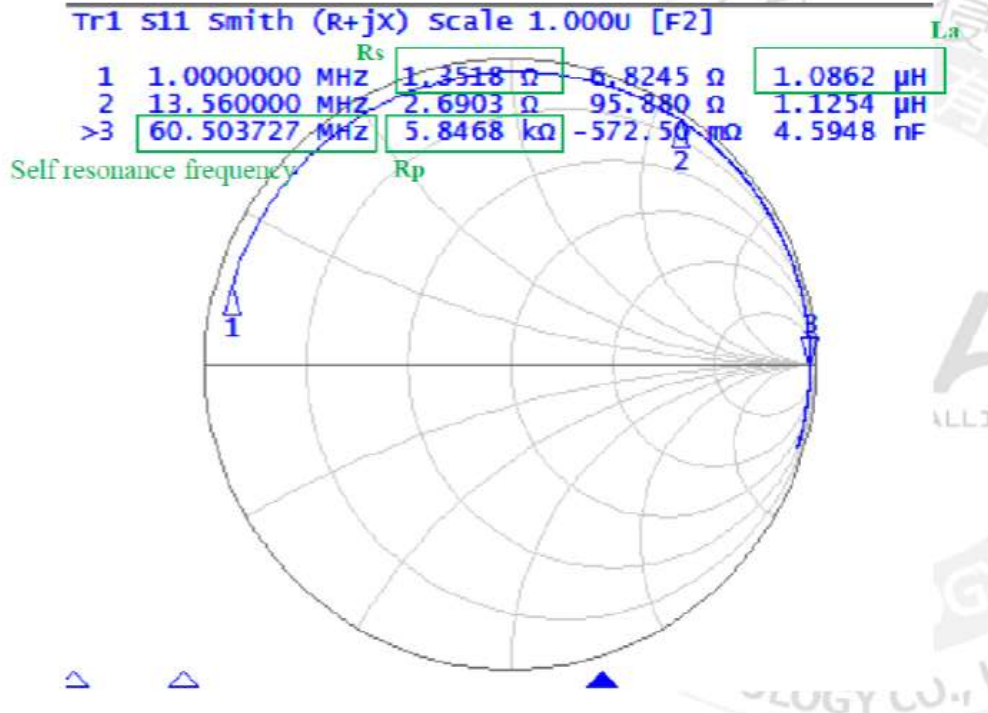
3. Antenna Drawing :



| | | | |
|---|-------------------|---|--------------|
| UNLESS OTHER SPECIFIED TOLERANCES ON : X=N/A X.X=N/A X.XX=N/A ANGLES=N/A HOLEDIA=N/A | |  INPAQ TECHNOLOGY CO., LTD. | |
| SCALE : N/A | UNIT : mm | | |
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| DESIGNED BY : 林育帆 | APPROVED BY : 陳振榮 | | |
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4. Performance Report :

NFC antenna series equivalent circuit



| | | | |
|---|-------------------|---|--------------|
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