



NFC Antenna Data Sheet

Customer Name: Getac

Model Name: SR-RGUX1-001

Doc. Version: V1.1

Date: 2025 / 06 / 04

Datasheet Version 1.

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Revision History

Date	Version	Description	Note
2025/02/14	V1.0	New Release	
2025/06/04	V1.1	新增客戶 Label	

Specification:

1. Customer NFC Chip:

NXP PN7362

2. Basic Specifications:

2.1 Physical Specifications

2.1.1 Assembly:

Parameter	Description	Note
Dimensions	Long side: $76.1 \pm 2.0\text{mm}$ Short side: $16.5 \pm 0.3\text{mm}$ Thickness: $2.2\text{mm}<\text{Max}>$ (without release paper & ferrite protect film)	Refer to outline drawing (page 5)

2.1.2 PCB:

Parameter	Description	Note
Material	Substrate: PCB/FR4 Long side: $30. \pm 0.3\text{mm}$ Short side: $16.5 \pm 0.3\text{mm}$ Antenna: Copper	Total thickness: 0.4mm

2.1.3 Connector+Cable:

Parameter	Description	Note
Material	Connector: I-PEX gen 4 Cable: Ø1.13,Black	Total length: 61.15mm

2.1.3 Ferrite Sheet:

Parameter	Description	Note
Type	Ferrite sheet	
Structure	Single layer	
Effective carrier frequency	13.56MHz	
Material	Stack up: (1)Adhesive Tape (2)Sintered Ferrite	Total thickness: 0.26± 0.03mm (without release film)

2.1.4 DS Tape:

Parameter	Description	Note
Material	Adhesive Type: 3M9888T	Total thickness: 0.15mm 0.03mm (without release paper)

2.2 Environmental Specifications:

Parameter	Description	Note
Recommended Storage	+25°C @ 40% RH	
Storage Limits	Temperature: -40°C to +80°C Humidity: 20% to 90% RH	Non-condensing
Operating Limits	Temperature: -20°C to +80°C Humidity: 20% to 90% RH	Non-condensing

4. Electrical Specifications:

5.1 Smith chart @13.56Mhz

