

Flexible Anti-metal Tag



Flexible & Printable UHF On-metal Label

This flexible label can be stuck on metallic asset easily, specially for irregular and uneven surface, it has good performance on metal surface, can be print and encoding by RFID printer.

1. Technical Parameters

Material	PET/Aluminum Foil/Foam
Working Temp.	-40°C ~ +85°C
Storage Conditions	-20°C ~ +50°C / 20% ~ 90% RH (non-condensing)
IP Rating	IP68
Compliant Standard	ISO/IEC 18000-6C, EPC Class1 Gen2
Frequency	860-960MHz
Work Mode	Passive
Chip Life	Write 100,000 cycles, save data for 10 years
Installation Type	Adhesive
Support Printer	SATO CL4NX, Zebra ZT410 Silverline, Postek TX3r, etc.
Customization	Logo, barcode/QR code, number printing, encoding, antenna design, etc.
Application	Metallic container tracking, Equipment&device tracking, Warehouse shelf, Automotive components tracking, IT asset tracking, etc.



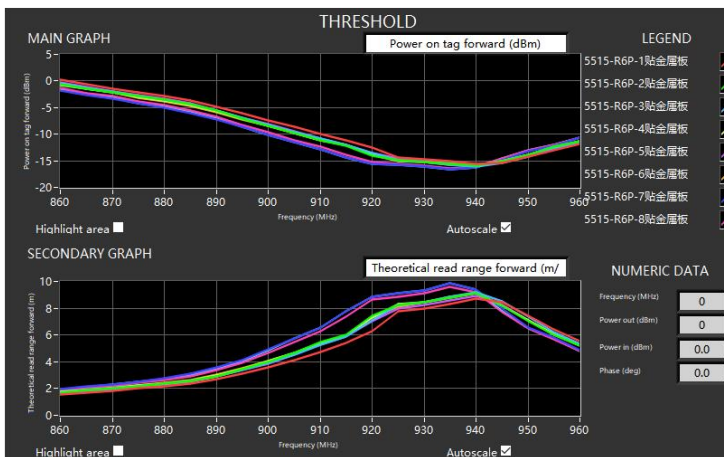
Datasheet

2.Model No.&Read Range(On Metal Testing, Using Handheld RFID Reader)

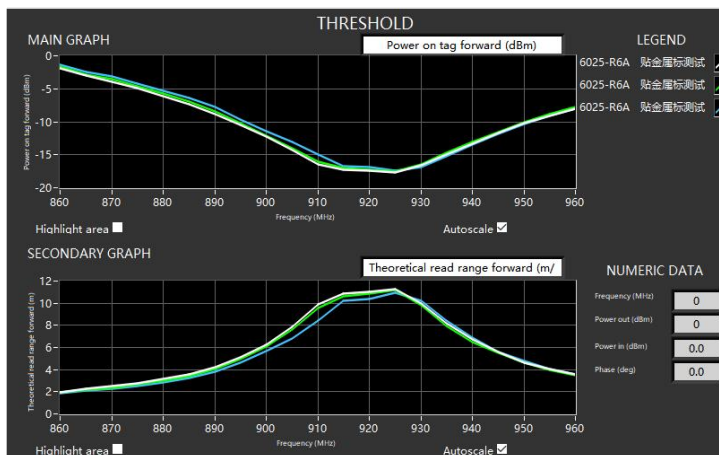
Model No.	Size(MM)	Manufacturer/Chip	Read Range(FCC)	Read Range(ETSI)
ID3015	30*15*1.2	Impinj Monza R6P	0.5m	0.3m
ID5515	55*15*1.2	Impinj Monza R6P	2m	0.5m
ID6025	60*25*1.2	Impinj Monza R6P	5.6m	1m
ID6535	65*35*1.2	Impinj Monza R6P	5.8m	1m
ID7030	70*30*1.2	NXP UCODE 9/UCODE 9xe	6m	1.2m
ID8040	80*40*1.2	NXP UCODE 9/UCODE 9xe	5.6m	5.6m
ID9522	95*22*1.2	NXP UCODE 9/UCODE 9xe	6m	1.5m

3.Tagformance Graph(On Metal Testing)

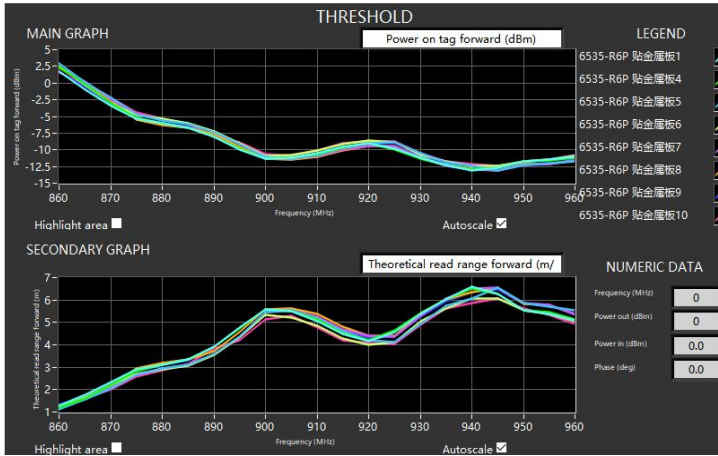
①ID5515



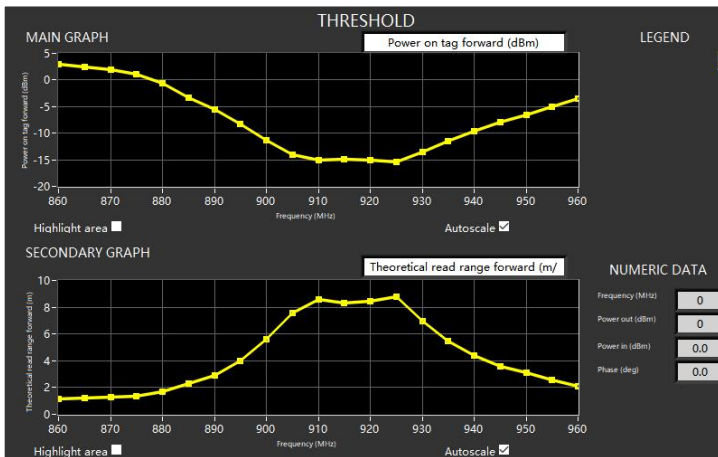
②ID6025



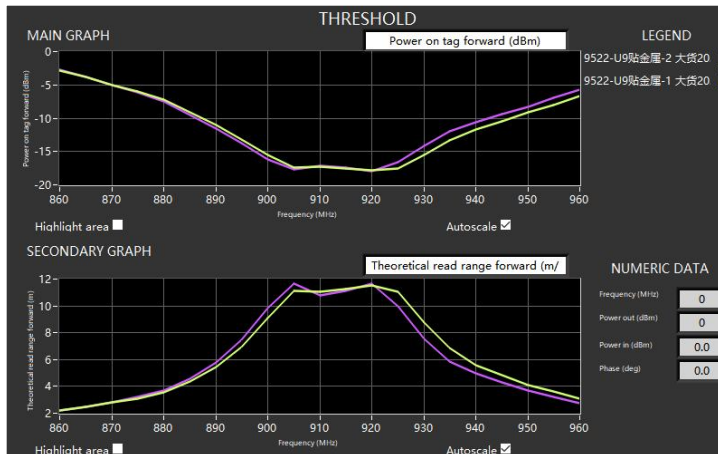
③ ID6535



④ ID7030



⑤ ID9522





Datasheet

4.Application



5.Warnings

4.1. When transporting and using, avoid contacting with water; no violent impact, no squeezing and no bending on the chip area.

4.2. Temperature and Humidity

Operating temperature/humidity: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C} / 20\% \sim 90\% \text{ RH}$.

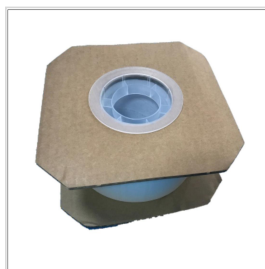
Storage temperature/humidity: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C} / 20\% \sim 90\% \text{ RH}$ (non-condensing).

Suggested storage temperature/humidity: $20^{\circ}\text{C} \sim 30^{\circ}\text{C} / 50\%$.

6.Packing

5.1. Shipment method: in roll, electrostatic bag+carton

5.2. Shipment quantity: 300pcs/400pcs/500pcs/800pcs per roll, 8 rolls/12 rolls/16 rolls per carton



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②



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④

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