

PRODUCT DATASHEET

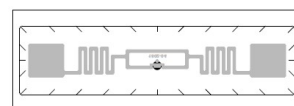
Windshield Label

Enable Hands-free Parking Experience

Applying Windshield Label onto the windshield to get a hands-free parking experience. Equipped with NXP UCode 8, this specialty label provides superior reading performance when attached to the windshield. The chip area is further coated to enhance its UV protection capability when the label is exposed to the direct sunlight. Meanwhile, the label has security cut for tamper evident when removal.

Features

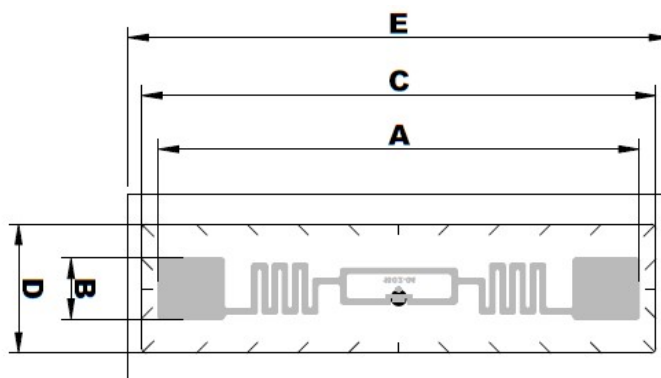
- Enhanced chip protection against sunlight
- Tamper evident with security cut
- Windshield applicable



Applications

- Parking lot access control
- AFC (Auto Fare Collection)

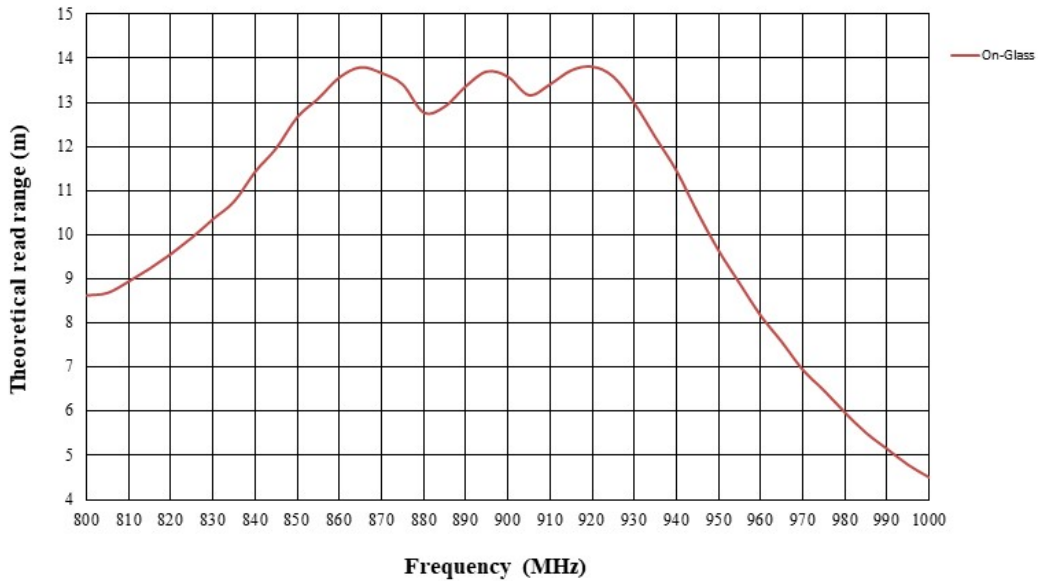
Physical Specification



A	Inlay Length	95	mm / 3.74	in	D	Label Width	25.4	mm / 1.00	in
B	Inlay Width	12	mm / 0.47	In	E	Web Width	107	mm / 4.21	in
C	Label Length	101.6	mm / 4.00	in	*The exact size is mainly based on metric unit.				
Options					Numbering				

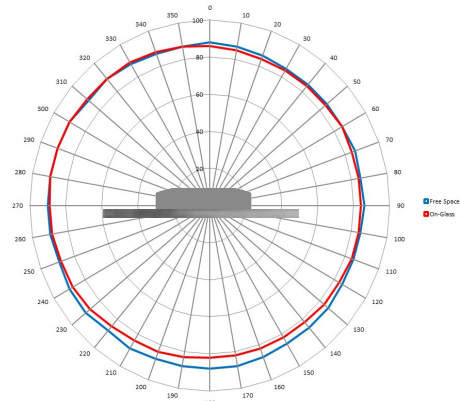
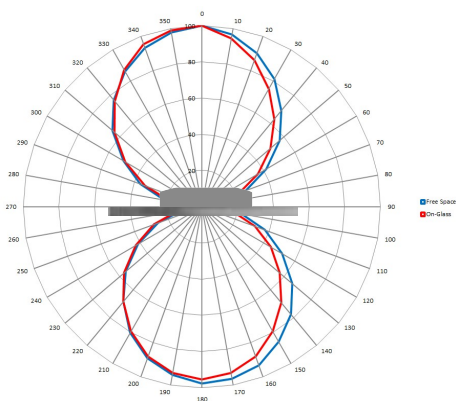
RF Specification

RFID Chip	NXP UCODE 8
Memory	EPC up to 128 bit / TID 96 bit
RF Interface Protocol	EPC Class1 Gen2 V2 / ISO 18000-6C
Operating Frequency	860-960 MHz
Applicable Surface	On-Glass



■ Reading distance might differ on the material which the tag is attached. SAG can help fine tune the antenna to obtain the optimized reading performance.

- Front Reading
- Side Reading
- Applicable Surface : Free space / On-Glass
- Applicable Surface : Free space / On-Glass



*Reading distance shown in the figure is measured by Voyantic Tagformance. Actual reading performance is subject to the environment in practice.

Read Range(2W ERP / On-Glass) Up to 12 M / 39.37 ft

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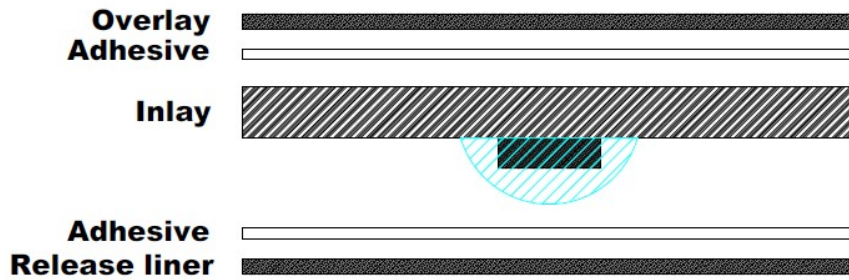
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Environmental Resistance

Operating Temperature	-25 to 70°C
Storage Temperature	-25 to 70°C
ESD Protection	±2 kV peak according to IEC 61000-4-2 Contact discharge
Warranty	One Year

Label Structure



Label Construction

Overlay	Transparent Glossy PET
Adhesive 1	Acrylic
Inlay	Single-sided aluminum antenna design
Adhesive 2	Acrylic
Release Liner	Glassine

Ref. No: Digi-key/440690558-02389

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