

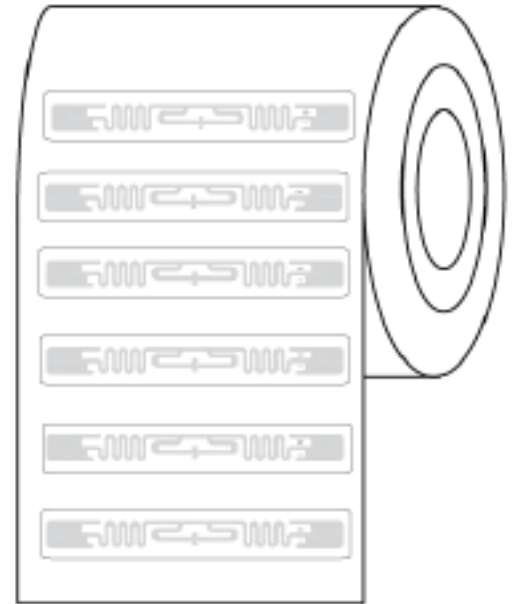
Product Datasheet

Solar Tag

The Solar RFID Tag(OR9408) is a top-tier solution designed specifically for use on solar panels. It is primarily utilized for tracking and identifying solar panels by both manufacturers and users.

Paired with the customized RFID Solar Panel Management application, which offers a user-friendly interface, it allows for seamless encoding and recoding of tags.

These tags come in a roll format, making them easy to peel off and apply directly onto the panels, ensuring efficient and convenient usage.



Advantages of Solar Panel Identification:

- Real-time audit and traceability.
- Decreasing lost and stolen supplies.
- Elimination of error-prone due to manual audit processes.
- Time profound line of sight oversights is no longer required.
- Low maintenance cost.

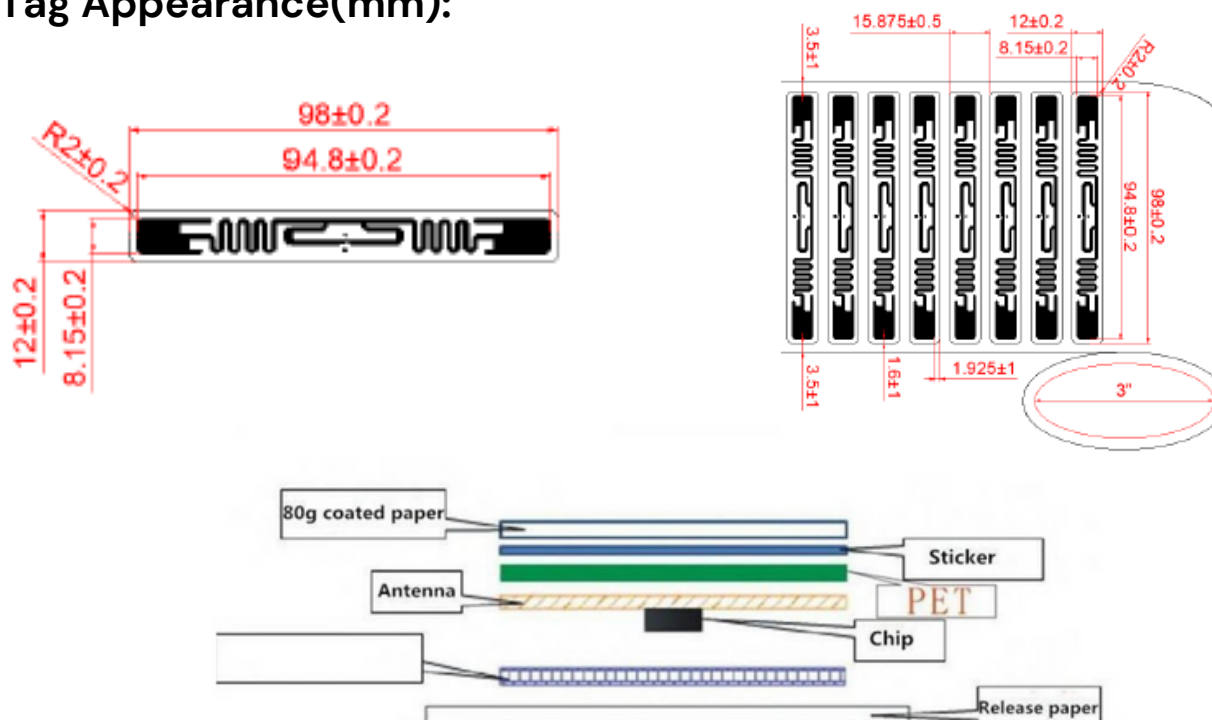


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ORANGE



Tag Appearance(mm):



Product Details :

Tag Size	98 x 12 mm
Antenna Size	94.8 x 8.15 mm
Face Material	PET
Antenna Material	Aluminium
Attachment	High grade Adhesive
IP Rating	IP 67
Read Range	Upto 13 Mtr

Reel detail :

Winding quantity: 10000pcs/roll
Web width: 105 ± 1.0 mm
Inner core diameter: 3"(76.2mm)
Core thickness: 7 ± 1 mm
diameter ≤ 210 mm
Yield: 100%

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Electrical Characteristics:

Item	Description
Operational Frequency	860~960MHz
Protocol	ISO/IEC 18000-6C GS1 Class1 Gen2
IC type	ALIEN (9640) / Higgs 9
Memory	EPC- upto 496 bits user - upto 688 bits
Ic life	100,000 Programming cycles, 50years data retention

Environment Requirements:

Item	Description
Operating Temperature/ Storage Temperature	— 40°C to + 85°C
Lamination Temperature	> 160°C
Shelf Life	18 Months

Packaging:

