

PID – R9 (Windshield Tag)

The Windshield Tag (PID-R9) is high performance radio frequency transponders (RFID) designed to be used in automatic vehicle identification application.

Designed to be mounted on a glass surface, such as a vehicle windshield, each tag contains a non-changeable unique identification number, it has reading and writing capabilities and is passive - powered by utilizing energy from the reader, eliminating the requirement for a battery.



Ordering Information

Part No.	IC Type	Memory
RFL-010101-ETSI/FCC	Impinj Monza 4QT	chip 800-bits

Applications



Vehicle Tracking



AVI Application



Fleet Management

Electrical Specifications

Operational Frequency	902 – 928MHz Americas, 4 W EIRP. 869.4 – 869.56MHz Europa, 0.5 W ERP. 865.6 – 867.6MHz Europa, 2 W ERP
Interface Protocol	ISO/IEC/18000-6C
Chip Type	IMPINJ Monza 4QT
Memory Configuration	EPC Memory -128 bits , User Memory-512 bits
Data Retention	EEPROM data retention of 50 years.
Write Cycle Endurance	100,000 cycles

Products Characteristics

Die Cut Size	100 mm X 50 mm
Final Inspection	100 % Tested
Material	Polyester
Mounting Methods	Adhesive

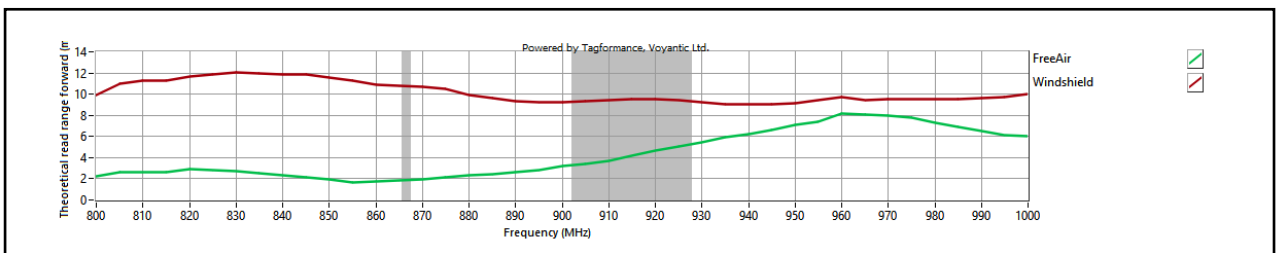
Environmental Specifications

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +100°C
ESD Voltage Immunity	+/- 3kV
Relative Humidity	100% condensing

Personalization

- Customer specific encoding of EPC
- Customised printing of logo, text, barcode etc

READ RANGE GRAPH



PID R9- RF performance(Monza 4QT)

** The indicated read range values are measured in our laboratory testing environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may exhibit different results.



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