PID-Robo RTI

The PID-ROBO is a wide band high-performance EPC CLASS 1 GEN 2 tag, It provides best-in-class performance for race timing, pallet tracking, asset management and RTI applications.

It performs well on various non-metallic objects including plastic, cardboard cases, and glass surfaces making it ideal for multiple industrial applications.

Applications

Asset Management

Retail Management

Warehouse Management

Order Information

Part Number	IC Type	Memory Configuration
RFST-050201-ETSI/FCC	Impinj Monza M730	EPC Memory - 128 bits
RFST-050301-ETSI/FCC	Impinij Monza R6P	EPC Memory - 128 bits / 96 bits USER Memory - 32bits / 64 bits

Electrical Specifications

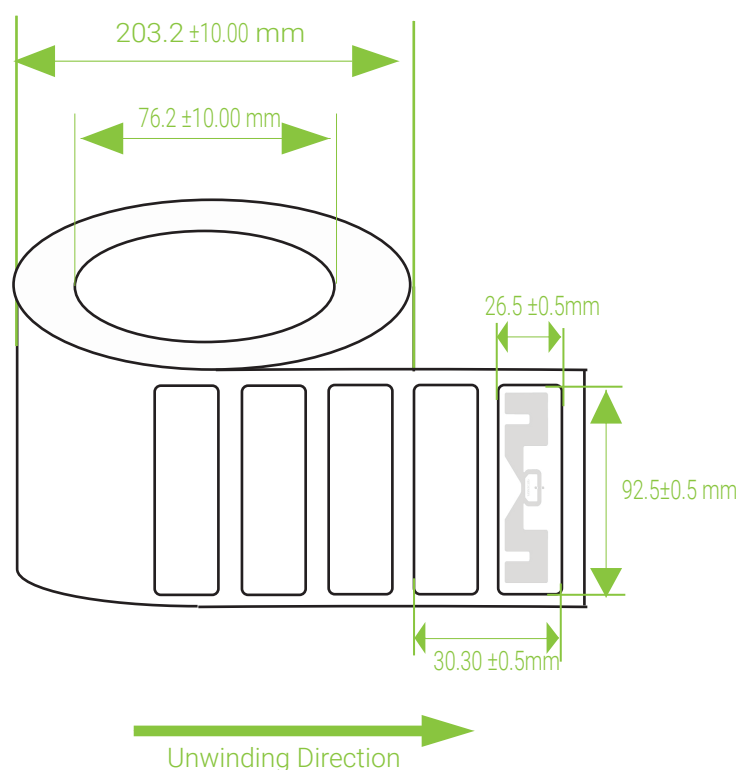|	
Operational Frequency	FCC: 902-928MHz ETSI: 865- 868 MHz
Interface Protocol	ISO 18000-63 and EPCglobal Gen2v2
Chip Type*	Impinj Monza R6P
Memory Configuration	EPC Memory - 128 bits / 96 bits USER Memory - 32bits / 64 bits
Date Retention	50 Years
Write Cycle Endurance	100,000 cycles
Read Range**	upto 15 Meter

Characteristicsristics

Die Cut Size	92.5 X 26.5 mm / 3.64 X 1.04 in
Antenna Size	90.0 x 24.0 mm / 3.54 x 0.95 in
Material	PET/Aluminum Foil
Packaging	Reel core inner dimension: 76.2mm/ 3", 1200pcs/roll
Adhesive	High performance acrylic adhesive specially for low surface energy plastics.
Yield	100 %

Environmental Specifications

Operating Temperature	-40 to +85 °C
Storage Temperature	-40 to +85 °C
IP Rating	IP67

Drawing of Product

203.2 ±10.00 mm

76.2 ±10.00 mm
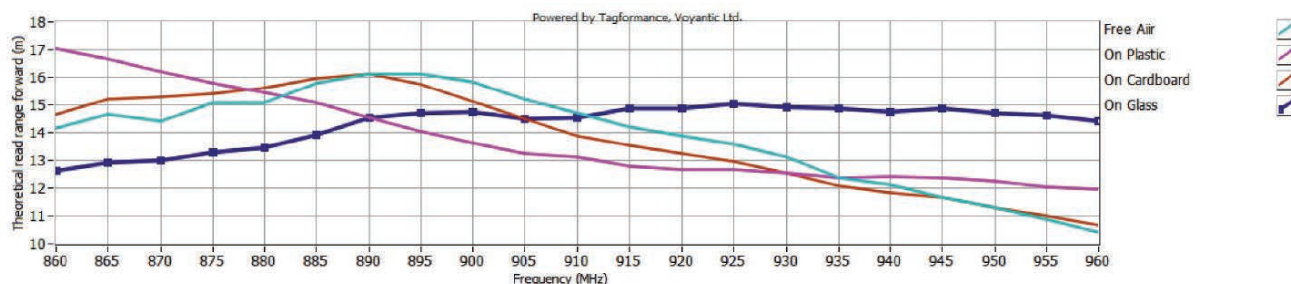
26.5 ±0.5mm

92.5±0.5 mm

30.30 ±0.5mm

Unwinding Direction

Personalization

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

READ RANGE GRAPH

** 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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