

TRAP

Perfect for Small Item-Level Retail and Pharmaceutical Applications

SMARTRAC TRAP inlays and tags are designed for item-level identification requiring a small footprint and excellent Retail. The compact and reliable Trap products are the perfect fit for smaller pharmaceutical and retail applications. They work well in both near field and far field.

TRAP inlays and tags are optimum solution for small item-level tagging, unmatched performance for small difficult-to-tag items and offer great RF-stability in a small form factor. It shows excellent performance in far field with high dielectric materials such as glass vials and Printed Circuit Boards (PCBs) and perfectly works on near field range, too.

TRAP is available with Impinj Monza 4 chips that offers serial TID and different memory features EPC from 128 bit to 496 bit, and user memory from 32 bit to 512 bit.

SMARTRAC's inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs.

Overview

Operating Frequency

860 - 960 MHz

Integrated Circuit (IC)

Impinj Monza 4D, 4E, 4QT

Antenna Size

8 × 22 mm (0.32 × 0.87 in)

Die-cut Size

11 × 25 mm (0.43 × 0.98 in)

International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

Application Areas

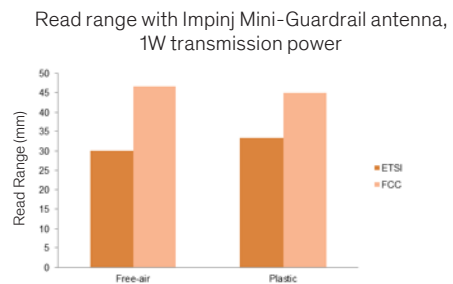
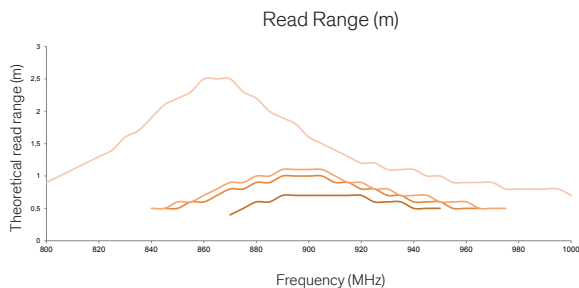
- ▶ Pharma and Healthcare
- ▶ Product Authentication
- ▶ Brand Protection
- ▶ Retail

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Technical Features			
IC + Memory	Size	Format*	Sales Code
Impinj Monza 4E 496 bit EPC + 128 bit user	11 × 25 mm / 0.43 × 0.98 in	Wet	3001971
Impinj Monza 4D 128 bit EPC + 32 bit user	8 × 22 mm / 0.32 × 0.87 in	Dry	3002180
	11 × 25 mm / 0.43 × 0.98 in	Wet	3002059
	11 × 25 mm / 0.43 × 0.98 in	Paper Tag	3002181
Impinj Monza 4QT 128 bit EPC + 512 bit user	11 × 25 mm / 0.43 × 0.98 in	Wet	3005321
Web Width	27 mm / 1.06 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Permanent pressure sensitive adhesive		
Qty/Reel	2,000 per reel		
Core Size	76 mm / 3 in		
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing		

*Note: Other formats are available upon request.



Graphs demonstrate performance for Impinj Monza 4. All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level.

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