

TRAP NF

Perfect for small item level retail and pharmaceutical applications.



Trap NF tags and inlays are designed for item level identification requiring a small footprint combined with excellent near field performance. Compact and reliable Trap NF products fit perfectly for small item level applications in pharmaceutical end uses.

Benefits:

- ▶ Top performance in retail and pharmaceutical applications.
- ▶ Excellent performance on various materials.
- ▶ Robust near field (NF) performance in a tiny size.
- ▶ ISO 9001:2008 Quality Management System and ISO 14001:2004 Environment Management System support.
- ▶ Serialized TID.

Overview

Operating Frequency

860 - 960 MHz

Integrated Circuit (IC)

Impinj Monza 5

Antenna Size

8 x 22 mm (0.32 x 0.87 in)

Die-cut Size

11 x 25 mm (0.43 x 0.98 in)

International Standards

EPC Class 1 Gen 2

ISO 18000-6C

Quality Assurance

100% performance tested

Application Areas

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

TRAP NF

Technical Features	
IC	Impinj Monza 5
Memory	EPC memory 128 bit
Frequency	860-960 MHz
Antenna Size	8 x 22 mm / 0.32 x 0.87"
Die-cut Size	11 x 25 mm / 0.43 x 0.98"
Web Width	27 mm / 1.06"
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Bending Diameter (D)	> 50 mm, tension max. 10 N
Delivery Formats	Dry inlay, wet inlay, tag
Adhesive	Acrylic, hot melt adhesive
Adhesive Usage Temperature	min. -10°C to 120°C / min. 14°F to 248°F
Qty/Reel	5,000 per reel
Core Size	76 mm / 3"
Shelf Life: minimum of 2 years from the date of manufacture in	20°C / 68°F, 50% RH

SMARTRAC TECHNOLOGY GROUP uses three different qualification methods to evaluate the quality and reliability of RFID inlay and tag products. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.



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