

WEB LITE

High-performance retail tag in a small package.



Web Lite Monza 5 tags and inlays meet growing retail industry demand for inlays in smaller form factors. A design focusing on the performance requirements of small item tagging has won approval from several retailers for applications across a range of specific categories.

Web Lite offers good performance for retail applications in a compact form factor ready to fit several delivery formats.

Benefits:

- ▶ Compact form factor with excellent performance.
- ▶ Specifically designed for retail applications.
- ▶ 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

46 x 15 mm (1.81 x 0.59 in)

Die-cut Size

49 x 18 mm (1.93 x 0.71 in)

International Standards

EPC Class 1 Gen 2

ISO 18000-6C

Quality Assurance

100% performance tested

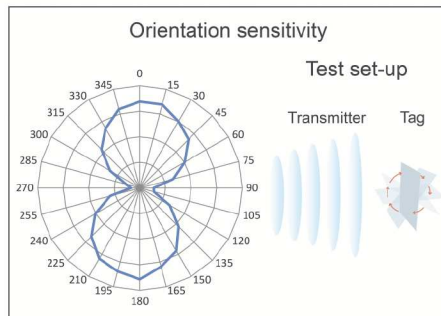
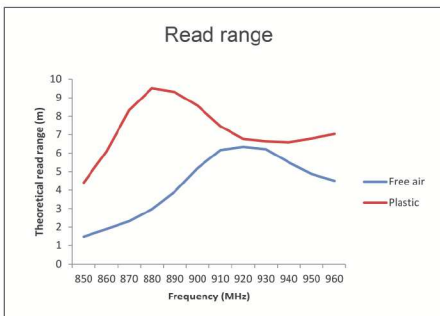
Application Areas

- ▶ Apparel
- ▶ Brand Protection

WEB LITE

Technical Features	
IC	Impinj Monza 5
Memory	EPC memory 128 bit
Frequency	860-960 MHz
Antenna Size	46 x 15 mm / 1.81 x 0.59"
Die-cut Size	49 x 18 mm / 1.93 x 0.71"
Web Width	52 mm / 2.05"
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, water borne adhesive
Adhesive Usage Temperature	min. -20°C to 80°C / min. -4°F to 176°F
Qty/Reel	15,000 dry or wet inlays per reel, 5,000 tags 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.



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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