SMARTRAC

DATASHEET

WEB

Optimized size and shape for apparel applications.

Web tags and inlays are designed for the unique identification of items such as apparel and electronics. They are suitable especially for item-level retail, logistics and supply chain applications.

Web products are compact and ideally shaped inlays for apparel hang tags providing high read reliability with low total applied costs.

Web tags with Impinj Monza™ 5 have proven their excellent performance in the retail application use tests and are approved and certified by the RFID Research Center of the University of Arkansas.

Benefits:

- High end product for item-level tagging in apparel and electronics.
- Ideal size and shape for apparel hang tags, compact and reliable.
- Perfect for low cost hang tags and care labels.
- Excellent performance with high detuning materials.
- 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
30 x 50 mm (1.18 x 1.97 in)

Die-cut Size
34 x 54 mm (1.34 x 2.13 in)

International Standards
EPC Class 1 Gen 2
ISO 18000-6C

Quality Assurance
100% performance tested

Application Areas

- Apparel
- Brand Protection
- Supply Chain Management

10/2013 ENG S067/3

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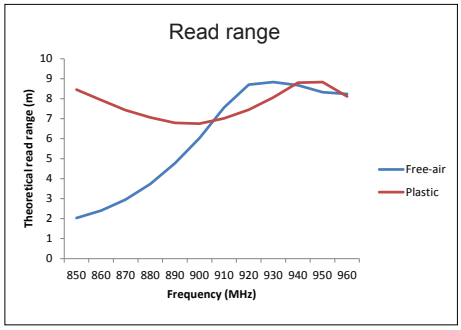
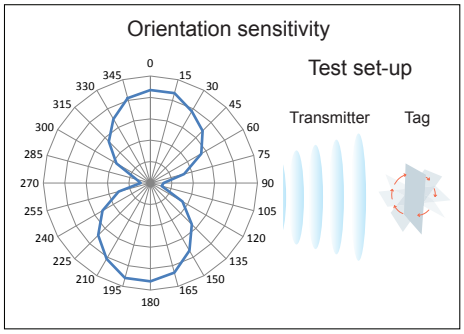
WEB

Technical Features	
IC	Impinj Monza 5
Memory	EPC memory 128 bit
Frequency	860-960 MHz
Antenna Size	30 x 50 mm / 1.18 x 1.97“
Die-cut Size	34 x 54 mm / 1.34 x 2.13“
Web Width	60 mm / 2.36“
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	3,000 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.





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.

HALOGEN FREE MEETS IEC 61249-2-21

RoHS CE

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