



## BLING

### Ideal for Small Item-Level Tagging

SMARTRAC BLING inlays and tags are specially designed for jewelry and cosmetics applications, and offer excellent performance and superior close-coupling features.

BLING inlays and tags have a tiny (22 mm/0.9 inch) form factor, allowing them to be easily converted into small-sized hang-tags for jewelry labels, or attached to small cosmetic items. They are equipped with the Impinj Monza R6 chip that comes with an Autotune feature, which helps the BLING product to work at peak efficiency, even in rapidly changing environments. BLING products are available with the Impinj Monza R6 and R6-P chips. Inlays with Monza R6 chips offer unique TID, enable pre-serialized EPC and are 100% performance tested. Inlays with Monza R6-P offer additional features such as add-on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for store data, if required. The inlays and tags are available in dry, wet and paper tag delivery formats, and are suitable for full integration into the SMART COSMOS Cloud Services platform.

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, especially in the retail environment.

#### Overview

##### Operating Frequency

860 - 960 MHz

##### Integrated Circuit (IC)

Impinj Monza R6 & R6-P

##### Antenna Size

22 x 12 mm (0.9 x 0.5 in)

##### Die-cut Size

25 x 15 mm (1.0 x 0.6 in)

#### International Standards

- ▶ EPC Class 1 Gen 2  
ISO 18000-6C

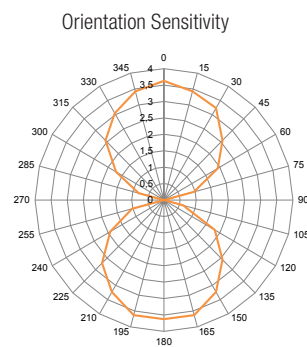
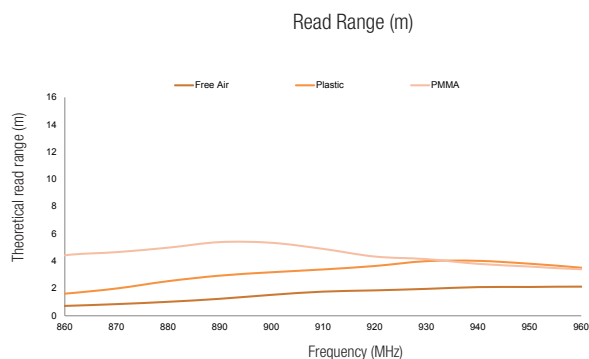
#### Application Areas

- ▶ Brand protection
- ▶ Retail for jewelry and cosmetics

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| Technical Features   |   |               |                   |
|--|---|---------------|-------------------|
| <b>IC + Memory</b>   | <b>Size</b>   | <b>Format</b> | <b>Sales Code</b> |
| Impinj Monza R6<br>96 bit  | 22 x 12 mm / 0.9 x 0.5 in   | Inlay         | 3005454           |
|  | 25 x 15 mm / 1.0 x 0.6 in   | Wet           | 3005455           |
|  | 25 x 15 mm / 1.0 x 0.6 in   | Paper Tag     | 3005456           |
| Impinj Monza R6-P<br>128 bit EPC + 32 bit user<br>96 bit EPC + 64 bit user | 22 x 12 mm / 0.9 x 0.5 in   | Inlay         | 3006270           |
|  | 25 x 15 mm / 1.0 x 0.6 in   | Wet           | 3006271           |
|  | 25 x 15 mm / 1.0 x 0.6 in   | Paper tag     | 3006272           |
| Web Width  | 28 mm / 1.1 in  |               |                   |
| Operating Temperature  | -40 °C to +85 °C / -40 °F to +185 °F  |               |                   |
| Adhesive   | Acrylic, water borne adhesive   |               |                   |
| Qty/Reel   | 5,000 pcs   |               |                   |
| Core Size  | 76 mm / 3 in  |               |                   |
| Shelf Life   | +20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing |               |                   |



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