

# AD-191r6-P

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip**

Impinj Monza R6-P

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**Antenna Dimensions**

22 x 12.5 mm / 0.87 x 0.49 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Apparel  
Beauty and Personal Care  
Healthcare

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**Applications**

Asset Tracking  
Fashion Jewelry and Sunglasses  
Pharmaceutical and Healthcare

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**RoHs**

EU Directive 2011/65/EU and  
2015/863 Compliant

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## Superior read range on a wide range of dielectrics

AD-191r6-P UHF RFID inlays from Avery Dennison are recommended for tagging a wide range of smaller products including apparel, fashion jewelry, sunglasses, and healthcare products.

The 22 x 12.5 mm antenna is a global design with excellent broadband performance (860-960 MHz) that can achieve up to 4 meters read distance on tagged surfaces such as cardstock and plastic.

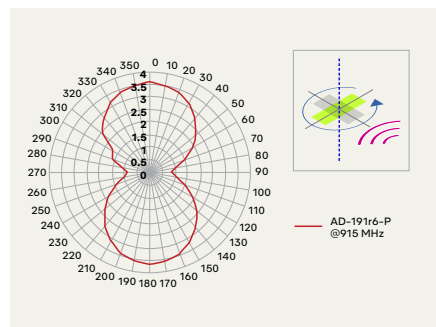
AD-191r6-P inlays are equipped with the Impinj Monza® R6-P chip, which provides flexibility in its memory structure with interchangeable EPC (128/96), and user memory (32/64). The R6-P chip also provides access and kill password controls to prevent unauthorized write access to the IC and allow deactivation of the IC. Available delivery formats include Dry Inlay and Wet Inlay.

Like all RFID products from Avery Dennison, AD-191r6-P inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

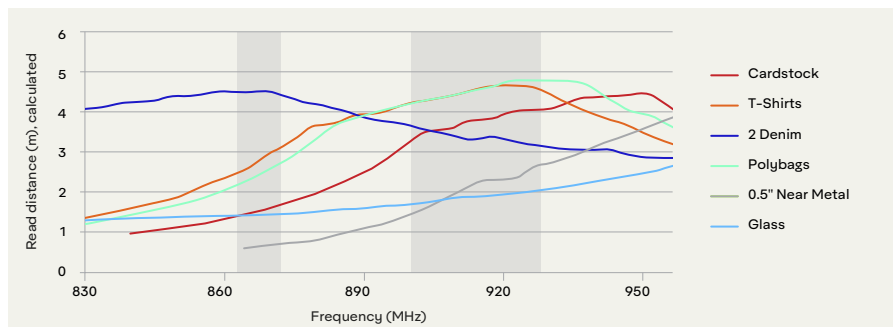
## Technical features

Chip	Impinj Monza R6-P	
EPC and User Memory	128-bit / 96-bit and 32-bit / 64-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF601419	RF601420
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	24 x 15.5 mm / 0.95 x 0.61 in
Inlay Substrate	Opaque PET	
Total Thickness	5 - 7 mils / 132 - 183 microns	7 - 9 mils / 170 - 221 microns
Standard Pitch	38.1 mm / 1.5 in	
Web Width	36 mm / 1 in	
Core Size	76 mm / 3 in	
Quantity / Reel	19616 pcs/reel	19238 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	

## Orientation sensitivity



## Read range



All graphs are indicative; performance in real life applications may vary.

## Contact information

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North America: +1-866-903-7343 (toll free US)

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RoHS

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**Warranty:** Please refer to Avery Dennison standard terms and conditions: [rfid.averydennison.com/termsandconditions](http://rfid.averydennison.com/termsandconditions)

**Care and handling:** RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

**Applications:** This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

