

AD-191 R6-P

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6-P

Antenna Dimensions

22 x 12.5 mm / 0.87 x 0.49 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Apparel
Beauty and Personal Care
Healthcare

Applications

Asset Tracking
Fashion Jewelry and Sunglasses
Pharmaceutical and Healthcare

RoHS

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

REACH

Regulation (EC) No. 1907/2006



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.

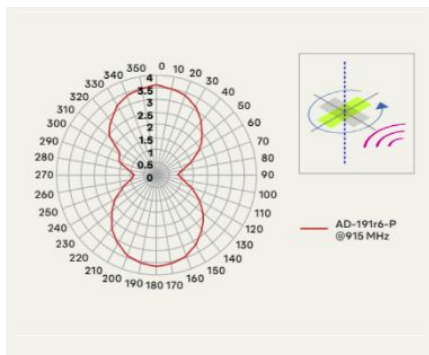
AD-191r6-P inlays are equipped with the Impinj Monza® R6-P chip, which provides flexibility in its memory structure with interchangeable EPC (128/96), and user memory (32/64). The R6-P chip also provides access and kill password controls to prevent unauthorized write access to the IC and allow deactivation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

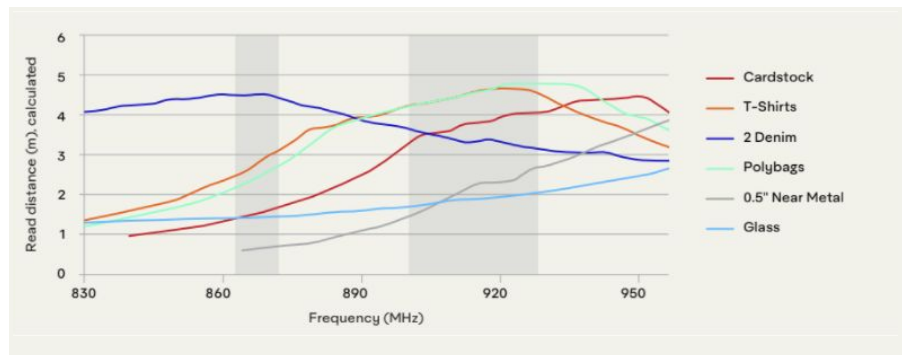
Technical features

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 / IL-603741	RF601420 / IL-603742
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	19,616 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

rfid.averydennison.com/contact
+1-678-617-2359

Connect with us on:



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Warranty: Please refer to Avery Dennison standard terms and conditions: 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.

