

AD Dot R6-P

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6-P

Chip Attachment Technology

Direct Chip Attach

Antenna Dimensions

3 x 3 mm / 0.118 x 0.118 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Consumer Electronics

Applications

Authentication
Brand Protection
Item Level Track and Trace

RoHS

EU Directive 2011/65/EU and
Directive (EU) 2015/863

REACH

Regulation (EC) No. 1907/2006



Perfect for small item-level industry applications

Our AD Dot R6-P inlays and tags are designed for item-level identification requiring a small footprint. The compact and reliable products are the perfect fit for smaller industry applications.

AD Dot R6-P inlays and tags are an optimum solution for small item-level tagging, unmatched performance for small difficult-to-tag items and offer great RF-stability in a small form factor.

AD Dot R6-P is available with the Impinj R6-P IC with 128 bit EPC +96 bit TID memory. The IC is compatible with the global GS1 UHF Gen2v2 standard which ISO/IEC standardized as 18000-63.

Our 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.

Technical features

Chip	Impinj Monza R6-P	Impinj Monza R6-P
Chip Attachment Technology	Direct Chip Attach	Direct Chip Attach
EPC and User Memory	128-bit and 32-bit	128-bit and 32-bit
TID Memory	96-bit / 48-bit unique serial number	96-bit / 48-bit unique serial number
Product Code	3007493 / IL-603670	3007947 / IL-603965
Delivery Format	Wet inlay+	Wet inlay+
Die-Cut Dimension	4 x 4 mm / 0.157 x 0.157 in	4 x 4 mm / 0.157 x 0.157 in
Inlay Substrate	PET	PET
Face Sheet	Clear PET with RA	Clear PET with RA
Standard Pitch	16 mm / 0.630 in	16 mm / 0.630 in
Web Width	24 mm / 0.945 in	26 mm / 1.024 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	5,000 pcs/reel 20,000 pcs/box	5,000 pcs/reel 20,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	-40 °C to 85 °C / -40 °F to 185 °F

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

Contact information

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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.

