AD-384r6

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj Monza R6

Antenna Dimensions
50 x 30 mm / 1.97 x 1.18 in

International Standard
ISO/IEC 18000-63 Type C

Industry Segments
Apparel
Logistics

Applications
Supply Chain Management
Home Essentials
Brand Protection

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

High performance on a multitude of items

AD-384r6 and AD-384r6-P inlays from Avery Dennison are high performing Gen2 UHF RFID products that are available in two chip formats: Monza r6 and Monza r6-P.

Both are wide-edge leading inlays that are suitable for a wide variety of RFID tagging applications, including supply chain, inventory & logistics, apparel and home essentials.
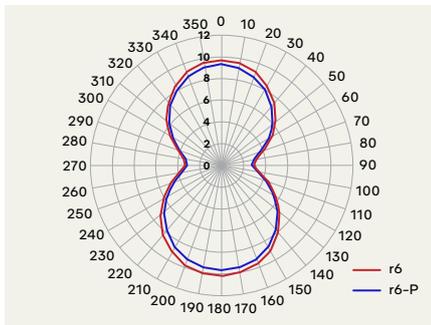
AD-384r6 with the Impinj Monza R6 IC comes with 96 bit EPC memory, while AD-384r6-P with the Impinj Monza R6-P is available with 128/96-bit EPC memory and 32/64-bit user memory. Both versions have a 48-bit unique serialized TID Number and are available in Dry Inlay, Wet Inlay and Label / sticker delivery formats.

Like all RFID products from Avery Dennison, AD-384r6 and AD-384r6-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.
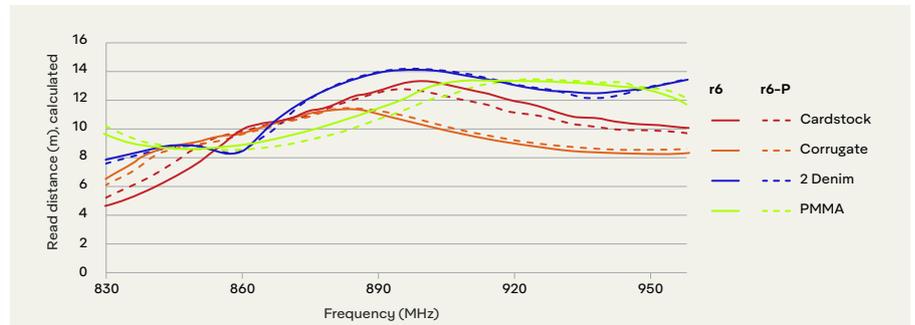
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Technical features

Chip	Impinj Monza R6		
EPC and User Memory	96-bit and n/a	96-bit and n/a	96-bit and n/a
TID Memory	48-bit		
Product Code	RF600872	RF600873	RF100411
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-cut Dimension	-	54 x 34 mm / 2.13 x 1.34 in	57 x 38 mm / 2.25 x 1.50 in
Inlay Substrate	Opaque PET	Opaque PET	40# DC
Face Sheet	-	-	TT2C (FASSON®) Bright White
Total Thickness	9 - 11 mils / 229 - 279 microns	10 - 12 mils / 254 - 305 microns	11 - 14 mils / 280 - 355 microns
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in	50.8 mm / 2 in
Web Width	54 mm / 2 in	58 mm / 2 in	61.2 mm / 2 in
Core Size	76 mm / 3 in		
Quantity / Reel	15000 pcs/reel	10000 pcs/reel	2461 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	ARC		

Orientation sensitivity

Read range

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

Contact information
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RoHS

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