AD-237r6-P

Overview

Frequency Band
UHF 860 – 960 MHz

Chip
Impinj Monza R6-P

Antenna Dimensions
70 x 14.5 mm / 2.76 x 0.57 in

International Standard
ISO/IEC 18000-63 Type C

Industry Segments
Apparel
Industrial Applications

Applications
Brand Protection
Supply Chain Management
Home Essentials

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

High performance on a multitude of items

AD-237r6 and AD-237r6-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 versions are suitable for a wide variety of RFID tagging applications, including supply chain, inventory & logistics, apparel and home essentials.
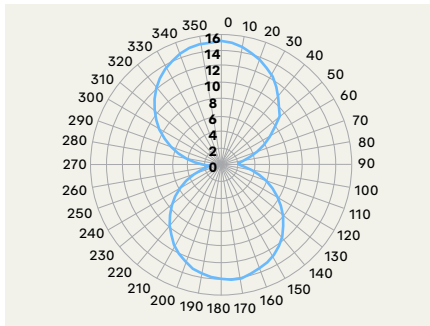
AD-237r6 with the Impinj Monza R6 IC comes with 96-bit of EPC memory while AD-237r6-P with the Impinj Monza R6-P is available with both EPC and user memory options. In addition, the R6-P based inlays provide additional features including kill and access password protection to ensure user privacy. Both AD-237r6 and AD-237r6-P are available in dry, wet and label / sticker delivery formats.

Like all RFID products from Avery Dennison, AD-237r6 and AD-237r6-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.
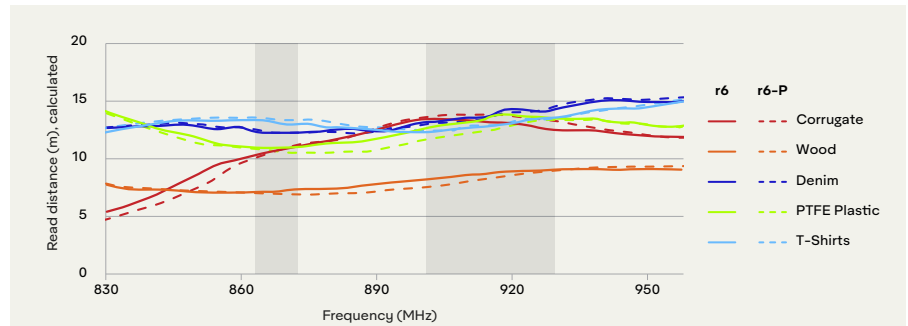
Technical features

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	RF600770	RF600771	RF100343
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-cut Dimension	-	73 x 17.7 mm / 2.88 x 0.70 in	76 x 20 mm / 3 x 0.80 in
Inlay Substrate	Opaque PET	Opaque PET	40# Paper
Face Sheet	-	-	TT2C (FASSON®) Bright White
Total Thickness	7 - 9 mils / 178 - 229 microns	7 - 9 mils / 178 - 229 microns	9 - 11 mils / 229 - 279 microns
Standard Pitch	22.23 mm / 0.875 in	22.23 mm / 0.875 in	38.1 mm / 1.5 in
Web Width	95 mm / 3.75 in	76 mm / 3 in	82.6 mm / 3.25 in
Core Size	152 mm / 6 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	40000 pcs/reel	10000 pcs/reel	3225 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
rfid.averydennison.com/contact
North America: +1-866-903-7343 (toll free US)
International: +1-678-617-2359

RoHS

AVERY DENNISON