

Avery Dennison

AD-229r6

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj Monza R6

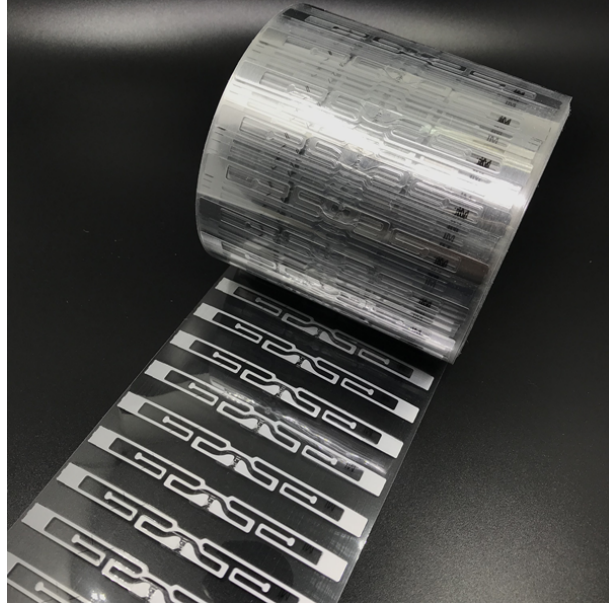
Antenna Dimensions
95 x 8.15 mm / 3.74 x 0.32 in

International Standart
ISO/IEC 18000-63 Type C

Industry Segments
Apparel
Logistics
Industrial Applications

Applications
Returnable Transport Units (RTUs)
Supply Chain Management
Brand Protection

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



One tag, two chips, many applications

AD-229r6 and AD-229r6-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 & Item-Level Retail, and Returnable Transport Units (RTUs).

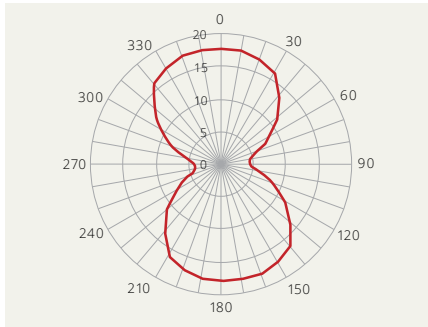
AD-229r6 with the Impinj Monza R6 IC comes with 96-bit EPC memory while AD-229r6-P with the Impinj Monza R6-P is available with several EPC and user memory options. In addition, the R6-P based inlays provide additional features including kill and access password protection to ensure user privacy. Both AD-229r6 and AD-229r6-P are available in Dry Inlay and Wet Inlay delivery formats.

Like all RFID products from Avery Dennison, AD-229r6 and AD-229r6-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.

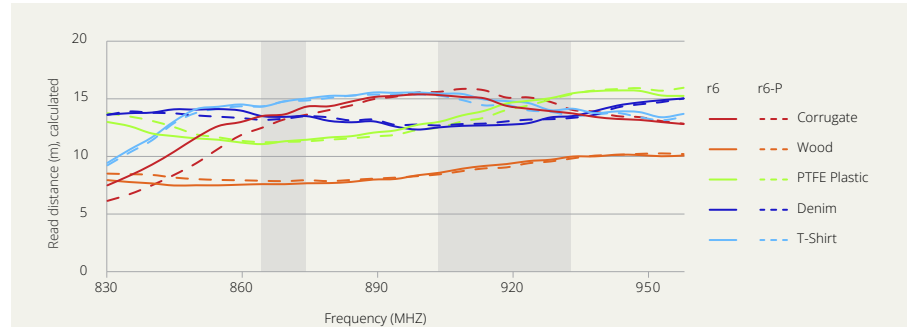
Technical features

| | | |
|-----------------------|--------------------------------------|---------------------------------|
| Chip | Impinj Monza R6 | |
| EPC and User Memory | 96-bit and n/a | |
| TID Memory | 96-bit / 48-bit unique serial number | |
| Product Code | RF600592 | RF600593 |
| Delivery Format | Dry inlay | Wet inlay |
| Die-cut Dimension | - | 98.7 x 11.2 mm / 3.90 x 0.44 in |
| Inlay Substrate | Opaque PET | |
| Total Thickness | 7 - 9 mils / 178 - 229 microns | 9 - 11 mils / 229 - 279 microns |
| Standard Pitch | 15.88 mm / 0.625 in | |
| Web Width | 98 mm / 3.875 in | 105 mm / 4.125 in |
| Core Size | 76 mm / 3 in | |
| Quantity / Reel | 20000 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.