AD-454r6-P FCC

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj Monza R6-P

Label Dimensions
69.85 x 19.05 mm / 2.75 x 0.75 in

International Standard
ISO/IEC 18000-63 Type C

Industry Segments
Industrial Applications

Applications
On-Metal Asset Tracking

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

High performance on metal, liquids and plastic

AD-454r6-P from Avery Dennison is a robust, high performing and incredibly versatile inlay solution for tagging hard to read surfaces. The Gen2 UHF RFID label is therefore perfectly suited for applications related to manufacturing, computers and electronics, and miscellaneous consumer goods.
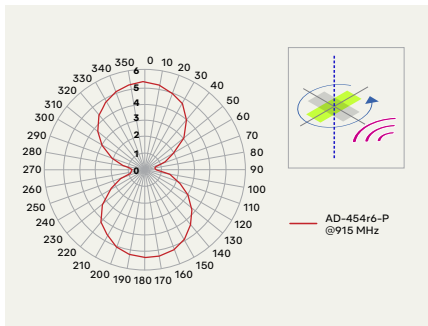
AD-454r6-P comes with the Monza r6-P chip from Impinj featuring 128/96-bits of EPC memory, 32/64-bits of User Memory and 96-bits of serialized TID with a 48-bit serial number. The sole delivery format is label / sticker.

Like all RFID products from Avery Dennison, AD-454r6-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.
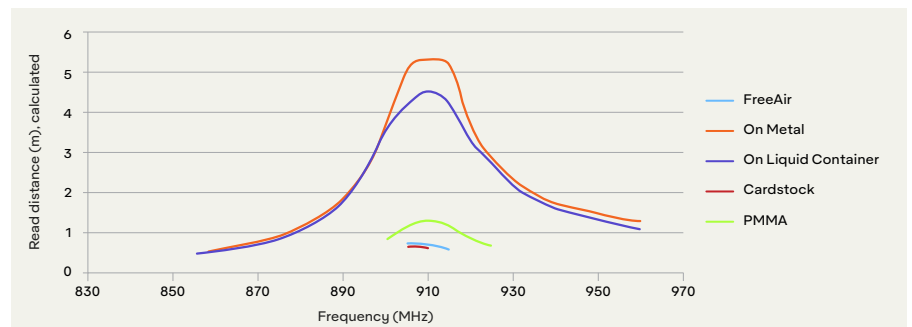
Technical features

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	RF100595
Delivery Format	Label / sticker
Die-cut Dimension	70 x 19 mm / 2.75 x 0.75 in
Inlay Substrate	PET
Face Sheet	2 mil White PET
Total Thickness	45 mils / 1,143 microns
Standard Pitch	31.75 mm / 1.25 in
Web Width	76 mm / 3 in
Core Size	76 mm / 3 in
Quantity / Reel	500 pcs / reel
Operating Temperature	–40 °C to 85 °C –40 °F to 185 °F
On-Metal	Metal

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

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.

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