AD-239 M730

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj M730

IC Attachment Technology
Strap Attach

Antenna Dimensions
70 x 14.5 mm / 2.76 x 0.57 in

International Standard
ISO 18000-63, EPC Class 1 Gen 2

Industry Segments
Apparel
Industrial Applications

Applications
Brand Protection
Supply Chain Management
Home Essentials

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

Fit for a wide variety of RFID tagging applications

AD-239 M730 inlays from Avery Dennison provide maximum performance on a given footprint of 70 x 14.5 mm. Leveraging the capabilities of Impinj´s M730 chip, the Gen2 UHF RFID inlays are suitable for a wide variety of RFID tagging applications, including supply chain, inventory and logistics, apparel and home essentials.
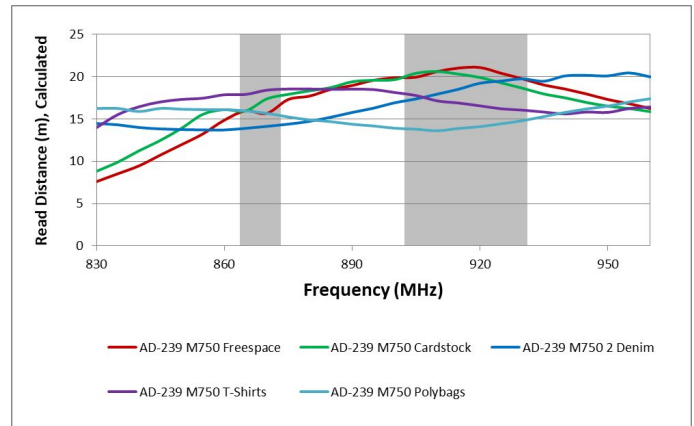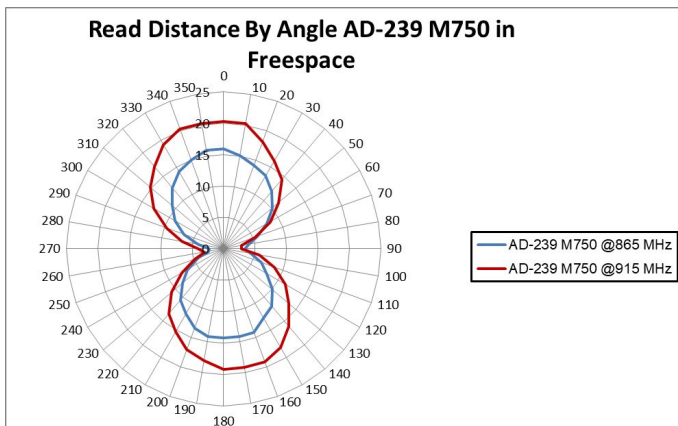
AD-239 M730 inlays feature 128 bits of EPC memory and a 96-bit unique factory locked TID number. A 96-bit Tag IDentifier (TID) is factory locked with a 48-bit unique serial number embedded into the TID.

Like all RFID products from Avery Dennison, AD-239 M730 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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Avery Dennison
Smartrac
Product Data Sheet

Technical features

Chip	Impinj M730		
IC Attachment Technology	Strap Attach		
EPC and User Memory	128-bit and n/a		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	RF602386 / IL-605262	RF602387 / IL-605608	RF101088 / IL-606128
Delivery Format	Dry inlay+	Wet inlay	Label
Die-Cut Dimension	-	76 x 20 mm / 3.0 x 0.8 in	76 x 20 mm / 3.0 x 0.8 in
Inlay Substrate	40# Paper	40# Paper	40# Paper
Face Sheet	-	-	TT2C (FASSON®) Bright White
Total Thickness	11 - 14 mils 292 - 343 microns	12 - 15 mils 323 - 374 microns	16 - 18 mils 411 - 463 microns
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Web Width	82.5 mm / 3.25 in	82.5 mm / 3.25 in	82.5 mm / 3.25 in
Core Size	76.2 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	TBD	TBD	TBD
Size of Roll	15.5" MAX OD	13" MAX OD	8" MAX OD
On-Metal	Non metal		
Certificate	ARC: Spec N, Spec Q, Spec G, Spec F, Spec L, Spec J, Spec I, Spec K, Spec W1, Spec W2, Spec W3, Spec W4, Spec W5, and Spec W6		

Technical features

Read Distance By Angle AD-239 M750 in Freespace

- AD-239 M750 @865 MHz
- AD-239 M750 @915 MHz

- AD-239 M750 Freespace
- AD-239 M750 Cardstock
- AD-239 M750 2 Denim
- AD-239 M750 T-Shirts
- AD-239 M750 Polybags

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

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