AD Bolt M730 FCC

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj M730

Antenna Dimensions
42.5 x 17 mm / 1.67 x 0.67 in

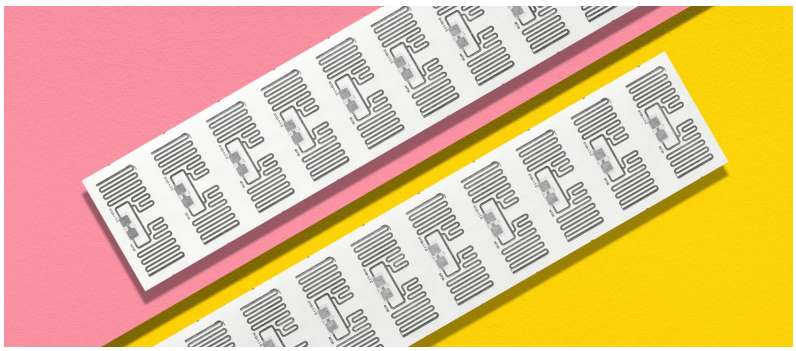
International Standard
ISO 18000-63, EPC Class 1 Gen 2

Industry Segments
Retail
Logistics
Healthcare

Applications
Apparel
Home Essentials
Supply Chain Management

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

REACH
Regulation (EC) No. 1907/2006



Excellent read range and versatility

Superior performance across a wide range of dielectrics

AD Bolt M730 FCC inlays from Avery Dennison are ideally suited for a wide variety of RFID tagging applications, particularly those related to the areas of supply chain, inventory & logistics, apparel, and pharmaceutical & healthcare.

The Gen2 UHF RFID inlay's 42.5 x 17 mm design is optimized for outstanding performance in the FCC frequency band (902-928 MHz) and features the Impinj M730 tag chip.

AD Bolt M730 FCC features 128-bit of EPC memory and a 96-bit unique factory-locked TID number. A 48-bit unique serial number is factory encoded into the TID. The M730 chip is packed with features including AutoTune™, Short-Range Mode, TagFocus™, FastID™, Access, BlockWrite, Lock, Untraceable, and Protected Mode.

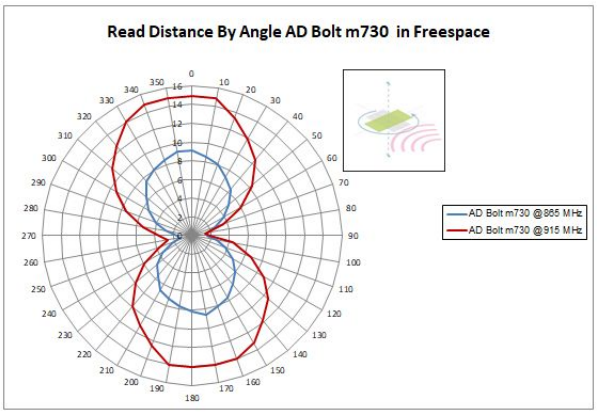
Delivery formats include dry inlay +, wet inlay and paper label.

Like all RFID products from Avery Dennison, AD Bolt M730 FCC 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

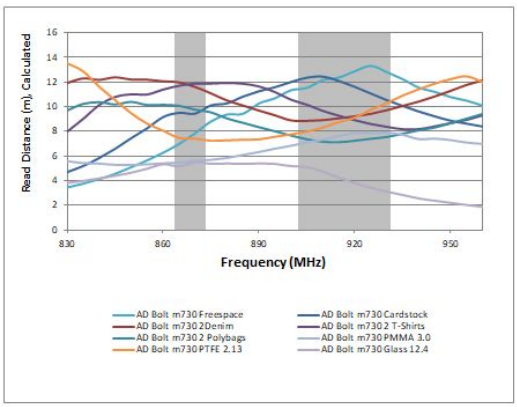
Chip	Impinj M730		
EPC and User Memory	128-bit and 0-bit		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	IL-609788	IL-609789	IL-609790
Delivery Format	Dry inlay +	Wet inlay	Label
Die-Cut Dimension	–	44.5 x 19 mm / 1.752 x 0.748 in	44.5 x 19 mm / 1.752 x 0.748 in
Inlay Substrate	40# Paper	40# Paper	40# Paper
Face Sheet	–	–	TT2C (FASSON®) Bright White
Total Thickness	11.5- 13.5 mils / 292.1 - 342.9 microns	12.7 - 14.7 mils / 322.58- 373.38 microns	16.2 - 18.2 mils / 411.48 - 462.28 microns
Standard Pitch	25.4 mm / 1.0 in	25.4 mm / 1.0 in	25.4 mm / 1.0 in
Web Width	50.8 mm / 2 in	50.8 mm / 2 in	50.8 mm / 2 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	13,434 pcs MAX OD: 393.7 mm / 15.5 in	8,533 pcs MAX OD: 330.2mm / 13 in	2,366 pcs MAX OD: 203.2 mm / 8 in
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	ARC: Spec N, Spec Q, Spec G, Spec F, Spec W2, and Spec W5		

Orientation Sensitivity



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

Read Distance



Contact information
rfid.averydennison.com/contact
+1-678-617-2359

Connect with us on: