AD-302 M730

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj M730

Antenna Dimensions
30 x 15 mm / 1.20 x 0.60 in

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

Industry Segments
Apparel
Healthcare

Applications
Children Accessories
Fashion Jewelry and Sunglasses
Pharmaceutical and Healthcare

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

REACH
Regulation (EC) No. 1907/2006

Ideal for small item-level tagging

Our AD-302 M730 inlays and tags are optimized for accessory and cosmetics applications, offering excellent performance and superior close-coupling features.
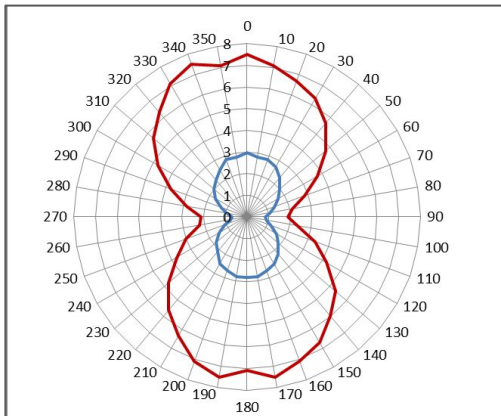
AD-302 M730 products are available with the Impinj M730 and M750 chips. Inlays with M730 chips offer a unique TID, enable pre-serialized EPC and are 100% performance tested. Inlays with M750 offer additional features such as add on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for stored data, if required. AD-302 M730 products are available in dry, wet and paper label delivery formats.

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.
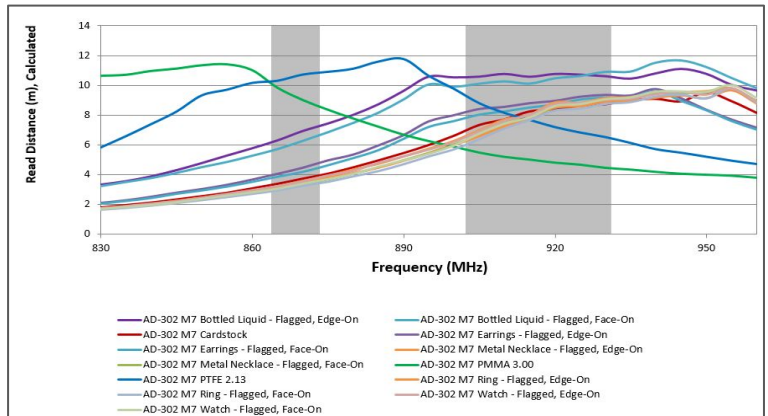
Technical features

Chip	Impinj M730		
EPC and User Memory	128-bit / 0-bit		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	RF602379 / IL-606389	RF602380 / IL-606183	RF101084 / IL-605225
Delivery Format	Dry inlay +	Wet inlay	Label
Die-Cut Dimension	–	33 x 18 mm / 1.299 x 0.709 in	33 x 18 mm / 1.299 x 0.709 in
Inlay Substrate	40# Paper	40# Paper	40# Paper
Total Thickness	11.5 - 13.5 mils 292-343 microns	12.7 - 14.7 mils 322-373 microns	16.2 - 18.2 mils 411-462 microns
Face Sheet	–	–	TT2C (FASSON®) Bright White
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Web Width	38.1 mm / 1.5 in	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Size of Roll	MAX OD: 15.5 in	MAX OD: 13 in	MAX OD: 8 in
Quantity / Reel	TBD pcs/reel TBD pcs/box	TBD pcs/reel TBD pcs/boxl pcs/box	TBD pcs/reel TBD pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
Certification	ARC Spec Q		

Orientation sensitivity

Read range

- AD-302 M7 Bottled Liquid - Flagged, Edge-On
- AD-302 M7 Bottled Liquid - Flagged, Face-On
- AD-302 M7 Cardstock
- AD-302 M7 Earrings - Flagged, Edge-On
- AD-302 M7 Earrings - Flagged, Face-On
- AD-302 M7 Metal Necklace - Flagged, Edge-On
- AD-302 M7 Metal Necklace - Flagged, Face-On
- AD-302 M7 PMMA 3.00
- AD-302 M7 PTFE 2.13
- AD-302 M7 Ring - Flagged, Edge-On
- AD-302 M7 Ring - Flagged, Face-On
- AD-302 M7 Watch - Flagged, Edge-On
- AD-302 M7 Watch - Flagged, Face-On

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

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Connect with us on:

REACH COMPLIANCE
RoHS

AVERY DENNISON