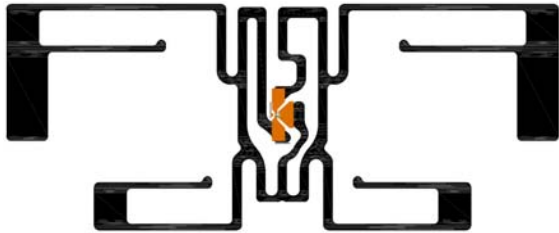


AD-833



AD-833 RFID Inlays

- Designed to comply with IATA RP1740c for Baggage Handling Tags
- Orientation insensitive design allows for reading at any angle (no dead spots)
- Ideal for pallets, cases and returnable totes
- Powerful write range approaches reading range



Drawing not to scale

Electrical Characteristics		
Operating Frequency	Global (860 - 960MHz)	
Integrated Circuit [IC] – Manufacturer & IC Name	Impinj Monza 3	
RF Communications Protocol	ISO/IEC 18000-6C & EPCglobal Class 1 Gen 2	
Memory	96 bits EPC	
Environmental		
Operating Temperature	-40°F to 185°F [-40°C to 85°C]	
RoHS	EU Directive 2002/95/EC compliant	
Inlay Roll Format / Finishing		
Un-wind direction	Inlay-side out	
Core size with adaptor insert	6 in [152 mm]	
Maximum roll outer diameter [not to exceed]	12 in [305 mm]	
Part Number		
	600183	600184
Antenna dimensions, [CDxMD]	1.496 in [38 mm] x 3.682 in [93.51 mm]	
Die-cut dimensions	1.693 in [43 mm] x 3.858 in [98 mm]	
Inlay-to-liner adhesive	S-490 (Fasson®)	
Liner material	40# SCK (Fasson®)	
Total thickness over chip [typical]	11 mils [279 microns]	14 mils [356 microns]
Standard pitch	4.5 in [114.3 mm]	
Standard web widths	1.89 in [48.01 mm]	
Inlay substrate material	PET	
Quality assurance	100% read tested with out-of-tolerance inlay marked	100% edit and replace
Average number of units per roll	10,000	3,500
Rev	12	03

CARE AND HANDLING RFID inlays are sensitive to ESD. Observe standard practices to keep environmental 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.

Warranty Please refer to Avery Dennison RFID standard terms and conditions. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

PRODUCT CHANGES Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice.

Trademark Statement Avery Dennison, S490 and Fasson® are trademarks of Avery Dennison Corporation. For the most recent information on Avery Dennison products, visit www.rfid.averydennison.com.

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