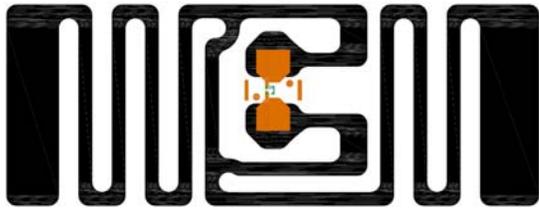


# AD-828



Drawing not to scale

## AD-828 RFID Inlays

- Designed for stackable, close proximity tagging (up to 10mm gapped direct stacking)
- Small form factor space limited applications.
- The AD-828 balances Read Range performance with a small form factor to achieve powerful performance in a tiny package
- Key applications: Apparel and Item level tagging where items are in close proximity
- Global functionality with 902-928MHz frequency optimization



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	3 in [76.2 mm]
Maximum roll outer diameter [not to exceed]	12 in [305 mm]
Part Number	
Part Number	600208
Antenna dimensions, [CDxMD]	0.591 in [15 mm] x 1.575 in [40 mm]
Total thickness over chip [typical]	11 mils [279 microns]
Standard pitch	1.75 in [44.45 mm]
Standard web widths	0.748 in [19 mm]
Inlay substrate material	PET
Quality assurance	100% read tested with out-of-tolerance inlay marked
Average number of units per roll	10,000
Rev	3

**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.

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