

AD-230



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Antenna Size:
2.756 x 0.571 in
[70 x 14.5 mm]

Features:

- Shortened inlay length to fit 3 inch label width applications
- Global performance (860 to 960MHz)
- Stackable performer - Optimized for both single tag in the read field performance across a wide array of applications as well as in close proximity
- Available in high yield / high capacity rolls which integrate seamlessly into high-volume converting processes

Market Applications:

Optimized for 860 to 928MHz Bands (ETSI & FCC) // Global (860 - 960MHz) functionality

Impinj Monza 3

ISO/IEC 18000-6C & EPCglobal Class 1 Gen 2

96 bits EPC

Electrical Characteristics

Operating Frequency

Integrated Circuit [IC] – Manufacturer & IC Name

RF Communications Protocol

Memory

Environmental

Operating Temperature

RoHS

-40°F to 185°F [-40°C to 85°C]

Designed to comply with EU Directive 2002/95/EC

Inlay Roll Format / Finishing

Un-wind direction

Core size with adaptor insert

Maximum roll outer diameter [not to exceed]

Inlay-side out

6 in [152 mm]

12 in [305 mm]

Part Details for AD-230 (Total 2 Parts)

Part Number

600212

Chip

Impinj Monza 3

Antenna dimensions, [CDxMD]

2.756 in [70 mm] x 0.571 in [14.5 mm]

Die-cut dimensions

N/A

Inlay-to-liner adhesive

N/A

Liner material

N/A

Total thickness over chip [typical]

13.52 mils [343 microns]

Standard pitch

0.875 in [22.23 mm]

Standard web widths

3.875 in [98.43 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	02
Part Number	600213
Chip	Impinj Monza 3
Antenna dimensions, [CDxMD]	2.756 in [70 mm] x 0.571 in [14.5 mm]
Die-cut dimensions	2.881 in [73.18 mm] x 0.696 in [17.68 mm]
Inlay-to-liner adhesive	S-490 (Fasson®)
Liner material	40# SCK (Fasson®)
Total thickness over chip [typical]	14 mils [356 um]
Standard pitch	0.875 in [22.23 mm]
Standard web widths	3 in [76.2 mm]
Inlay substrate material	N/A
Quality assurance	100% edit and replace
Average number of units per roll	10,000
Rev	00

CARE AND HANDLING RFID inlays are sensitive to ESD. Observe standard practices to keep environment static charge to a minimum.

APPLICATIONS This product should be tested by the customer/user thoroughly under end use conditions to ensure the 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.

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