

AD-240



[Print](#)



Antenna Size:
3.74 x 0.212 in
[95 x 5.4 mm]

Features:

- Very narrow inlay width for placement in space restricted applications
- Global performance (860 to 960MHz)
- Outstanding performer for book and media spines
- Available in high yield / high capacity rolls which integrate seamlessly into high-volume converting processes

Market Applications: Media Management, Supply Chain

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 Details for AD-240 (Total 2 Parts)

Part Number

600217

Chip

Impinj Monza 3

Antenna dimensions, [CDxMD]

3.74 in [95 mm] x 0.212 in [5.4 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

0.625 in [15.88 mm]

Standard web widths

4.125 in [104.78 mm]

Inlay substrate material

PET

Quality assurance

100% read tested with out-of-tolerance inlay marked

Average number of units per roll

20,000

Rev

01

Part Number

600218

Chip	Impinj Monza 3
Antenna dimensions, [CDxMD]	3.74 in [95 mm] x 0.212 in [5.4 mm]
Die-cut dimensions	3.865 in [98.18 mm] x 0.337 in [8.57 mm]
Inlay-to-liner adhesive	S-490 (Fasson®)
Liner material	40# SCK (Fasson®)
Total thickness over chip [typical]	14 mils [356 microns]
Standard pitch	0.625 in [15.88 mm]
Standard web widths	3.74 in [95 mm]
Inlay substrate material	PET
Quality assurance	100% edit and replace
Average number of units per roll	10,000
Rev	01

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.

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

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