

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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Avery Dennison RFID

North America

866 903 RFID (7343)

Mexico +55 5093 0100

Europe +352 50 46 50 1

Asia Pacific +852 9163 1313

rfid.info@averydennison.com

www.rfid.averydennison.com



Hong Kong
Tel: 852-23702227
Fax: 852-23702054
sales@sysscan.com.hk

China & Hong Kong
Guangzhou
Tel: 86-20-87610063
Fax: 86-20-87610213
gz_sales@sysscan.com.hk

Shanghai
Tel: 86-21-62825319
Fax: 86-21-62825283
sh_sales@sysscan.com.hk

www.sysscan.com.hk or www.sysscan.com.cn