

AD-814



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Antenna Size:
0.866 x 0.866 in
[22 x 22 mm]

Electrical Characteristics

Operating Frequency
Integrated Circuit [IC] – Manufacturer & IC Name
RF Communications Protocol
Memory

Environmental

Operating Temperature
RoHS

Inlay Roll Format / Finishing

Un-wind direction
Core size with adaptor insert
Maximum roll outer diameter [not to exceed]

Features:

- Item-level tagging inlay optimized for edge-on performance
- Ideal for use on pharmaceutical bottles at FCC (US) frequencies. also very good on substrates like plastic and paper
- Maximum performance delivered for item level stacked arrays of goods
- Available in high yield / high capacity rolls which integrate seamlessly into high-volume converting processes

Market Applications: Supply Chain, Pharmaceutical / Healthcare

Global (860 - 960MHz)
Impinj Monza 3
ISO/IEC 18000-6C & EPCglobal Class 1 Gen 2
96 bits EPC

-40°F to 185°F [-40°C to 85°C]
Designed to comply with EU Directive 2002/95/EC

Inlay-side out
3 in [76.2 mm]
12 in [305 mm]

Part Details for AD-814(Total 2 Parts)

Part Number

Chip
Antenna dimensions, [CDxMD]
Die-cut dimensions
Inlay-to-liner adhesive
Liner material
Total thickness over chip [typical]
Standard pitch
Standard web widths
Inlay substrate material
Quality assurance
Average number of units per roll
Rev

600196
Impinj Monza 3
0.866 [22 mm] x 0.866 [22 mm]
0.991 [25.18 mm] x 0.991 [25.18 mm]
E-828 (Fasson®)
40# SCK (Fasson®)
14 mils [356 um]
1.5 in [38.1 mm]
1.25 in [31.75mm]
N/A
100% edit and replace
7,500
00

Part Number

Chip
Antenna dimensions, [CDxMD]
Die-cut dimensions
Inlay-to-liner adhesive
Liner material
Total thickness over chip [typical]
Standard pitch
Standard web widths
Inlay substrate material

600195
Impinj Monza 3
0.866 [22 mm] x 0.866 [22 mm]
N/A
N/A
N/A
11 mils [279 microns]
1.5 [38.1 mm]
1.596 [40.53]
PET

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