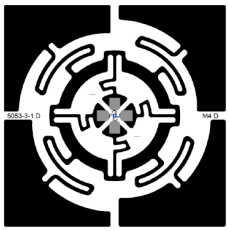
AVERY DENNISON | RFID

UHF RFID Inlays

AD-681m4D



Dimensions	50 x 50 mm
Operating Frequency	Global (860 – 960 MHz)
RF Protocol	ISO-18000-6C, EPC Class 1, Gen 2
Chip	Impinj Monza 4D
EPC Memory	128 bit
USER Memory	32 bit
TID Memory	48-bit unique serialized TID Number

Common Applications
Supply Chain Management
Asset Tracking
Package Tracking

PART NUMBER	RF600912	RF600983
Format	Dry Inlay	PS Inlay
Antenna dimensions (CDxMD)	1.97 x 1.97 in (50 x 50 mm)	1.97 x 1.97 in (50 x 50 mm)
Die-cut dimensions	N/A	2.087 x 2.087 in (53 x 53 mm)
Inlay substrate material	White PET	White PET
Inlay-to-liner adhesive	N/A	S-490 (FASSON)
Liner material	N/A	40# SCK
Face Sheet	N/A	N/A
Standard pitch	2.375 in (60.325 mm)	2.375 in (60.325 mm)
Standard web width	2.362 in (60 mm)	2.362 in (60 mm)
Total thickness over chip	9.3 - 11.3 mil (236 - 287 microns)	11.7 - 13.7 mil (297 - 348 microns)
Operating temperature	-40 to 185F (-40 to 85C)	-40 to 185F (40 to 85C)
RoHS	EU Directive 2011/65/EU Compliant	EU Directive 2011/65/EU Compliant
Quality assurance	100% read tested with-of-tolerance inlay marked	100% read tested with-of-tolerance inlay marked
Un-wind direction	Inlay-side Out	Inlay-side Out
Core size with adaptor insert	3 in (76.2 mm)	6 in (152.4 mm)
Maximum roll outer diameter (not to exceed)	15.375 in (390.1 mm)	17 in (431.8 mm)
Average # of units per roll	12,500 good +/- 10%	12,500 good +/- 10%
Rev	00	00

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics/RFID to keep environmental impact and 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.

Product Information: Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. 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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