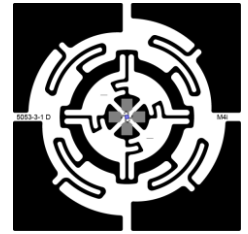




RFID

UHF RFID Inlays

**AD-681m4i**

<b>Dimensions</b>	50 x 50 mm
<b>Operating Frequency</b>	Global (860 – 960 MHz)
<b>RF Protocol</b>	ISO-18000-6C, EPC Class 1, Gen 2
<b>Chip</b>	Impinj Monza 4i
<b>EPC Memory</b>	256 bit
<b>USER Memory</b>	480 bit
<b>TID Memory</b>	48-bit unique serialized TID Number

**Common Applications**  
 Supply Chain Management  
 Asset Tracking  
 Package Tracking

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 International +1-770-965-0807

PART NUMBER	RF601065	RF601066
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	8.3 - 10.3 mil (211 - 262 micron)	10.7 - 12.7 mil (272 - 323 micron)
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	PS 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	9,000 good +/- 10%	9,000 good +/- 10%
Rev	00	00

**Care and handling:** RFID inlays are sensitive to ESD. Use standard industry practices relating to electronics/RFID to keep environmental impact and other electric/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 available at: <http://rbis.averydennison.com/en/home/general-terms-and-conditions-of-sale.html>.

**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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