



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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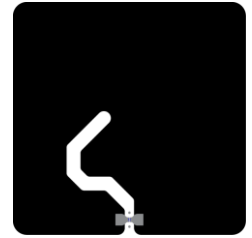




RFID

# UHF RFID Inlays

## AD-680r6



<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 r6
<b>EPC Memory</b>	96 bits
<b>TID Memory</b>	48-bit unique serialized TID Number

**Common Applications**  
 Supply Chain Management  
 Asset Tracking  
 Aviation Baggage

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PART NUMBER	RF600575	RF600576
Format	Dry Inlay	Wet Inlay
Antenna dimensions (CDxMD)	1.969 x 1.969 in (50 x 50 mm)	1.969 x 1.969 in (50 x 50 mm)
Die-cut dimensions	N/A	2.09 x 2.09 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	1.5M Clear PET
Face Sheet	N/A	N/A
Standard pitch	2.375 in (60.3 mm)	2.375 in (60.3 mm)
Standard web width	2.362 in (60.0 mm)	2.362 in (60.0 mm)
Total thickness over chip	9-10 mils (229-254 microns)	10-12 mils (254-305 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-off-tolerance inlay marked	100% read tested with-off-tolerance inlay marked
Un-wind direction	Inlay-side Out	PS Inlay-side Out
Core size with adaptor insert	3 in (76.2 mm)	3 in (76.2 mm)
Maximum roll outer diameter (not to exceed)	15.38 in (390.5 mm)	13 in (330.2 mm)
Average # of units per roll	7500 (+/- 10%)	7500 (+/- 10%)
Revision	00	00

**Care and handling:** RFID inlays are sensitive to ESD. Observe standard practices to keep environmental 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. 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 reserves the right to modify, change, supplement or discontinue product offerings at any time without notice.

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