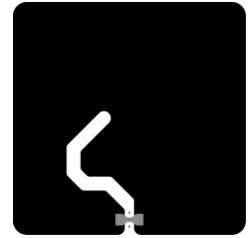




RFID

UHF RFID Inlay
AD-680r6-P



Dimensions	50 x 50 mm
Operating Frequency	Global (860 – 960 MHz)
RF Protocol	ISO-18000-6C, EPC Class 1 Gen 2
Chip	Impinj Monza R6-P
EPC Memory	128/96 bits
USER Memory	32/64 bits
TID Memory	48-bit unique serialized TID Number

Common Applications
 Supply Chain Management
 Asset Tracking
 Package Tracking

Toll free US 866-903- RFID (7343) / rfid.info@averydennison.com
 International +1-770-965-0807

PART NUMBER	RF600684	RF600685
Format	Dry Inlay	PS 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	7-9 mils (229-254 microns)	9-11 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	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	01	01

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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