



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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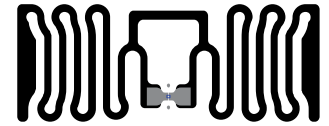
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RFID

UHF RFID Inlays

AD-321r6-P

| | |
|----------------------------|-------------------------------------|
| Dimensions | 41.1 x 16 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, Inventory & Logistics
Apparel
Pharmaceutical and Healthcare

Toll free US 866-903- RFID (7343) / rfid.info@averydennison.com
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| PART NUMBER | RF600789 | RF600788 | RF100377 |
|---|---|---|---|
| Format | Dry Inlay | Wet Inlay | Paper Label |
| Antenna dimensions (CDxMD) | 1.63 x 0.63 in (41.4 x 16 mm) | 1.63 x 0.63 in (41.4 x 16 mm) | 1.63 x 0.63 in (41.4 x 16 mm) |
| Die-cut dimensions | N/A | 1.755 x 0.755 in (44.6 x 19.17 mm) | 1.75 x 0.75 in (44.5 x 19.0 mm) |
| Inlay substrate material | White PET | White PET | N/A |
| Inlay-to-liner adhesive | N/A | S-490 (FASSON) | S-490 (FASSON) |
| Liner material | N/A | 1.5M Clear PET | 40# SCK (FASSON) |
| Face Sheet | N/A | N/A | 55# 2C (FASSON) Bright White |
| Standard pitch | 1.0 in (25.4 mm) | 1.0 in (25.4 mm) | 1.5 in (38.1 mm) |
| Standard web width | 2.0 in (50.8 mm) | 2.0 in (50.8 mm) | 2.0 in (50.8 mm) |
| Total thickness over chip | 9 -11 mils (229-279 microns) | 11-13 mils (279-330 microns) | 12 -14 mils (305-356 microns) |
| Operating temperature | -40 to 185F (-40 to 85C) | -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 | EU Directive 2011/65/EU Compliant |
| Quality assurance | 100% read tested with-of-tolerance inlay marked | 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 | Label-side Out |
| Core size with adaptor insert | 3 in (76.2 mm) | 3 in (76.2mm) | 3 in (76.2 mm) (no foam) |
| Maximum roll outer diameter (not to exceed) | 17 in (431.8 mm) | 13 in (330.2mm) | 8 in (203.2 mm) |
| Average # of units per roll | 40,000 good +/- 10% | 20,000 good +/- 10% | 8,000 good +/- 10% |
| Rev | 01 | 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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