



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





| | |
|----------------------------|---|
| Dimensions | 0.75 x 2.09 in (19 x 53 mm) |
| Operating Frequency | Global (860 - 960 MHz) |
| RF Protocol | ISO-18000-6C, EPC Class 1, Gen 2 |
| Chip | NXP UCODE 7 |
| EPC Memory | 128 bit |
| TID Memory | 96 bit, pre-encoded for multi-vendor chip (MCS) based serialization |

Common Applications

Apparel and Retail

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

| PART NUMBER | 600425 | 600544 |
|---|--|--|
| Format | Dry Inlay | Pressure Sensitive Inlay |
| Antenna dimensions (CDxMD) | 0.75 x 2.09 in (19 x 53 mm) | 0.75 x 2.09 in (19 x 53 mm) |
| Die-cut dimensions | N/A | 0.873 x 2.212 in (22.18 x 56.18 mm) |
| Inlay substrate material | PET | PET |
| Inlay-to-liner adhesive | N/A | S-490 (FASSON) |
| Liner material | N/A | 1.5 mm PET |
| Face Sheet | N/A | N/A |
| Standard pitch | 2.50 in (63.5 mm) | 2.50 in (63.5 mm) |
| Standard web width | 1.25 in (31.75 mm) | 1.25 in (31.75 mm) |
| Total thickness over chip | 10-13 mils (254-330.2 microns) | 10-13 mils (254-330.2 microns) |
| Operating temperature | -40° to 185 °F (-40° to 85 °C) | -40° to 185 °F (-40° to 85 °C) |
| RoHS | EU Directive 2011/65/EU Compliant | EU Directive 2011/65/EU Compliant |
| Quality assurance | 100 % read tested with out-of-tolerance inlay marked | 100 % read tested with out-of-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) | 17 in (431.8 mm) | 17 in (431.8 mm) |
| Average # of units per roll | 12,500 | 11,000 |
| Rev | 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.

Trademark statement: Avery Dennison, S490 and Fasson are trademarks of Avery Dennison Corporation. For the most recent information on Avery Dennison products, visit www.rfid.averydennison.com.