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

Dimensions 70 x 14.5 mm
Operating Frequency Global (860 – 960 MHz)
RF Protocol ISO-18000-6C, EPC Class 1, Gen 2
Chip NXP UCODE 8
EPC Memory 128 bit
TID Memory 96-bit Tag IDentifier (TID) factory locked
48-bit unique serial number factory-encoded into TID

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

Common Applications

Apparel
Supply Chain, Inventory and Logistics
Home Essentials

PART NUMBER	RF600958	RF600959	RF100413
Format	Dry Inlay	Wet Inlay	Paper Label
Antenna dimensions (CDxMD)	2.756 x 0.571 in (70.0 x 14.5 mm)	2.756 x 0.571 in (70.0 x 14.5 mm)	2.756 x 0.571 in (70.0 x 14.5 mm)
Die-cut dimensions	N/A	2.881 x 0.696 in (73.18 x 17.68 mm)	3.0 x 0.8 in (76.2 x 20.3 mm)
Inlay substrate material	White PET	White PET	N/A
Inlay-to-liner adhesive	N/A	S-490	S-490
Liner material	N/A	1.5M Clear PET	40# SCK
Face Sheet	N/A	N/A	55# TT2C Bright White
Standard pitch	0.875 in (22.2 mm)	0.875 in (22.3 mm)	1.5 in (38.1 mm)
Standard web width	2.913 (74 mm)	3.0 in (76.2 mm)	3.25 in (82.6 mm)
Total thickness over chip	10.3–12.3 mils (262-312 microns)	11.8-13.8 mils (300-350 microns)	16.9-18.9 mils (429-479 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	6 in (152.4 mm)	3 in (76.2 mm)	3 in (76.2 mm)
Maximum roll outer diameter (not to exceed)	17 in (431.8 mm)	13 in (330.2 mm)	8 in (203.2 mm)
Average # of units per roll	40,000 good +/- 10%	10,000 good +/- 10%	7,500 good +/- 10%
Rev	00	00	00

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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