

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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Dimensions 0.87 x 0.49 in (22 x 12.5 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

Jewelry

Pharmaceutical and Healthcare

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

Format Dry Inlay Wet Inlay Antenna dimensions (CDxMD) 0.87 x 0.49 in (22 x 12.5mm) 0.87 x 0.49 in (22 x 12.5mm) Die-cut dimensions N/A 0.945 x 0.61 (24 x 15.5mm) Inlay substrate material PET PET Inlay-to-liner adhesive N/A S-490 (FASSON) Liner material N/A 1.5 M Clear PET Face Sheet N/A N/A Standard pitch 0.75 in (19.05 mm) 0.75 (19.05 mm) Standard web width 1.45 in (36.83mm) 1.45 in (36.83mm) Total thickness over chip 10-13 mils (254-330.2 microns) 14-17 mils (356-431.8 microns) Operating temperature -40 to 185F (-40 to 85C) -40 to 185F (-40 to 85C) ROHS EU Directive 2011/65/EU EU Directive 2011/65/EU Compliant Compliant Quality assurance 100% read tested with-of-tolerance inlay marked Un-wind direction Inlay-side Out Inlay-side Out Core size with adaptor insert 3 in (76.2mm) w/ foam on core 3 in (76.2mm) Maximum roll outer diameter (not to exceed)	PART NUMBER	600482	RF600526
Die-cut dimensions N/A 0.945 x 0.61 (24 x 15.5mm) Inlay substrate material PET PET Inlay-to-liner adhesive N/A S-490 (FASSON) Liner material N/A 1.5 M Clear PET Face Sheet N/A N/A Standard pitch 0.75 in (19.05 mm) 0.75 (19.05 mm) Standard web width 1.45 in (36.83mm) 1.45 in (36.83mm) Total thickness over chip 10-13 mils (254-330.2 microns) 14-17 mils (356-431.8 microns) Operating temperature -40 to 185F (-40 to 85C) -40 to 185F (-40 to 85C) RoHS EU Directive 2011/65/EU EU Directive 2011/65/EU Compliant Compliant Quality assurance 100% read tested with-of-tolerance inlay marked Un-wind direction Inlay-side Out Inlay-side Out Core size with adaptor insert 3 in (76.2mm) w/ foam on core 3 in (76.2mm) Maximum roll outer diameter (not to exceed)	Format	Dry Inlay	Wet Inlay
Inlay substrate material PET PET Inlay-to-liner adhesive N/A S-490 (FASSON) Liner material N/A 1.5 M Clear PET Face Sheet N/A N/A Standard pitch 0.75 in (19.05 mm) 0.75 (19.05 mm) Standard web width 1.45 in (36.83mm) 1.45 in (36.83mm) Total thickness over chip 10-13 mils (254-330.2 microns) 14-17 mils (356-431.8 microns) Operating temperature -40 to 185F (-40 to 85C) -40 to 185F (-40 to 85C) RoHS EU Directive 2011/65/EU EU Directive 2011/65/EU Compliant Compliant Quality assurance 100% read tested with-of-tolerance inlay marked Un-wind direction Inlay-side Out Inlay-side Out Core size with adaptor insert 3 in (76.2mm) w/ foam on core 3 in (76.2mm) Maximum roll outer diameter (not to exceed)	Antenna dimensions (CDxMD)	0.87 x 0.49 in (22 x 12.5mm)	0.87 x 0.49 in (22 x 12.5mm)
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Liner material Face Sheet N/A Standard pitch Standard web width Total thickness over chip Operating temperature Public Standard Quality assurance Un-wind direction Un-wind direction M/A N/A N/A N/A N/A N/A N/A N/A N/A N/A	Inlay substrate material	PET	PET
Face Sheet N/A 0.75 in (19.05 mm) 0.75 (19.05 mm) Standard web width 1.45 in (36.83mm) 1.45 in (36.83mm) Total thickness over chip 10-13 mils (254-330.2 microns) 14-17 mils (356-431.8 microns) Operating temperature -40 to 185F (-40 to 85C) -40 to 185F (-40 to 85C) RoHS EU Directive 2011/65/EU EU Directive 2011/65/EU Compliant Compliant Quality assurance 100% read tested with-of-tolerance inlay marked 100% read	Inlay-to-liner adhesive	N/A	S-490 (FASSON)
Standard pitch 0.75 in (19.05 mm) 0.75 (19.05 mm) Standard web width 1.45 in (36.83mm) 1.45 in (36.83mm) Total thickness over chip 10-13 mils (254-330.2 microns) 14-17 mils (356-431.8 microns) Operating temperature -40 to 185F (-40 to 85C) -40 to 185F (-40 to 85C) RoHS EU Directive 2011/65/EU EU Directive 2011/65/EU Compliant Compliant Quality assurance 100% read tested with-of-tolerance inlay marked inlay marked Un-wind direction Inlay-side Out Inlay-side Out Size with adaptor insert 3 in (76.2mm) w/ foam on core 3 in (76.2mm) Maximum roll outer diameter (not to exceed) 1.45 in (36.83mm) 1.45 in (36.83mm	Liner material	N/A	1.5 M Clear PET
Standard web width Total thickness over chip Operating temperature RoHS Quality assurance Un-wind direction Un-wind direction Core size with adaptor insert Maximum roll outer diameter (not to exceed) 1.45 in (36.83mm) 1.45 i	Face Sheet	N/A	N/A
Total thickness over chip Operating temperature Operating temperat	Standard pitch	0.75 in (19.05 mm)	0.75 (19.05 mm)
Operating temperature -40 to 185F (-40 to 85C) -40 to 185F (-40 to 85C) -40 to 185F (-40 to 85C) EU Directive 2011/65/EU Compliant Compliant Quality assurance 100% read tested with-of-tolerance inlay marked Un-wind direction Unlay-side Out Core size with adaptor insert Maximum roll outer diameter (not to exceed) -40 to 185F (-40 to 85C) EU Directive 2011/65/EU Compliant 100% read tested with-of-tolerance inlay marked Inlay-side Out 3 in (76.2mm) w/ foam on core 13 in (330.2mm) 13 in (330.2mm)	Standard web width	1.45 in (36.83mm)	1.45 in (36.83mm)
RoHS EU Directive 2011/65/EU Compliant Compliant 100% read tested with-of-tolerance inlay marked Un-wind direction Core size with adaptor insert Maximum roll outer diameter (not to exceed) EU Directive 2011/65/EU Compliant 100% read tested with-of-tolerance inlay marked Inlay-side Out Inlay-side Out 3 in (76.2mm) w/ foam on core 13 in (330.2mm) 13 in (330.2mm)	Total thickness over chip	10-13 mils (254-330.2 microns)	14-17 mils (356-431.8 microns)
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inlay marked inlay marked Un-wind direction Inlay-side Out Inlay-side Out Core size with adaptor insert 3 in (76.2mm) w/ foam on core 3 in (76.2mm) Maximum roll outer diameter (not to exceed) 13 in (330.2mm) 13 in (330.2mm)		Compliant	Compliant
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Maximum roll outer diameter (not to 13 in (330.2mm) 13 in (330.2mm) exceed)			
exceed)			
		13 in (330.2mm)	13 in (330.2mm)
Average # of units per roll TBD 13,000 good +/- 10%	Average # of units per roll	TBD	13,000 good +/- 10%
Rev 00 01	Rev	00	01

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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