

UHF RFID Inlays

AD-110m5



Dimensions: 0.91 x 0.20 in [23 x 5 mm]

Operating Frequency: Global (860 - 960MHz)

Common Applications

- Embedded Applications
- Pharmaceutical and Healthcare

RF Protocol: ISO-18000-6C, EPC Class 1 Gen 2

Chip: Impinj Monza 5

EPC Memory: 128 bits

TID Memory: 96 bits with 48 bit unique serial number

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	600298	600300
Part number	600298	600300
Operating temperature	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]
RoHS	Designed to comply with EU Directive 2002/95/EC	Designed to comply with EU Directive 2002/95/EC
Antenna dimensions (CDxMD)	0.91 x 0.20 in [23 x 5 mm]	0.91 x 0.20 in [23 x 5 mm]
Format	Dry inlay	Wet (pressure- sensitive) Inlay
Die- cut dimensions	N/ A	1.02 x 0.315 in [26 x 8 mm]
Inlay- to- liner adhesive	N/ A	S-490 (Fasson)
Liner material	N/ A	Clear PET
Face sheet	N/ A	N/ A
Total thickness over chip	7.5 mils [189 microns]	9.6 mils [244 microns]
Standard pitch	1 in [25.4 mm]	1 in [25.4 mm]
Standard web width	1.535 in [39 mm]	1.535 in [39 mm]
Inlay substrate material	PET	PET
Quality assurance	100% read tested with out- of- tolerance inlay marked	100% read tested with out- of- tolerance inlay marked
Average # of units per roll	20,000	15,000
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)	13 in [330 mm]	13 in [330 mm]
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.

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