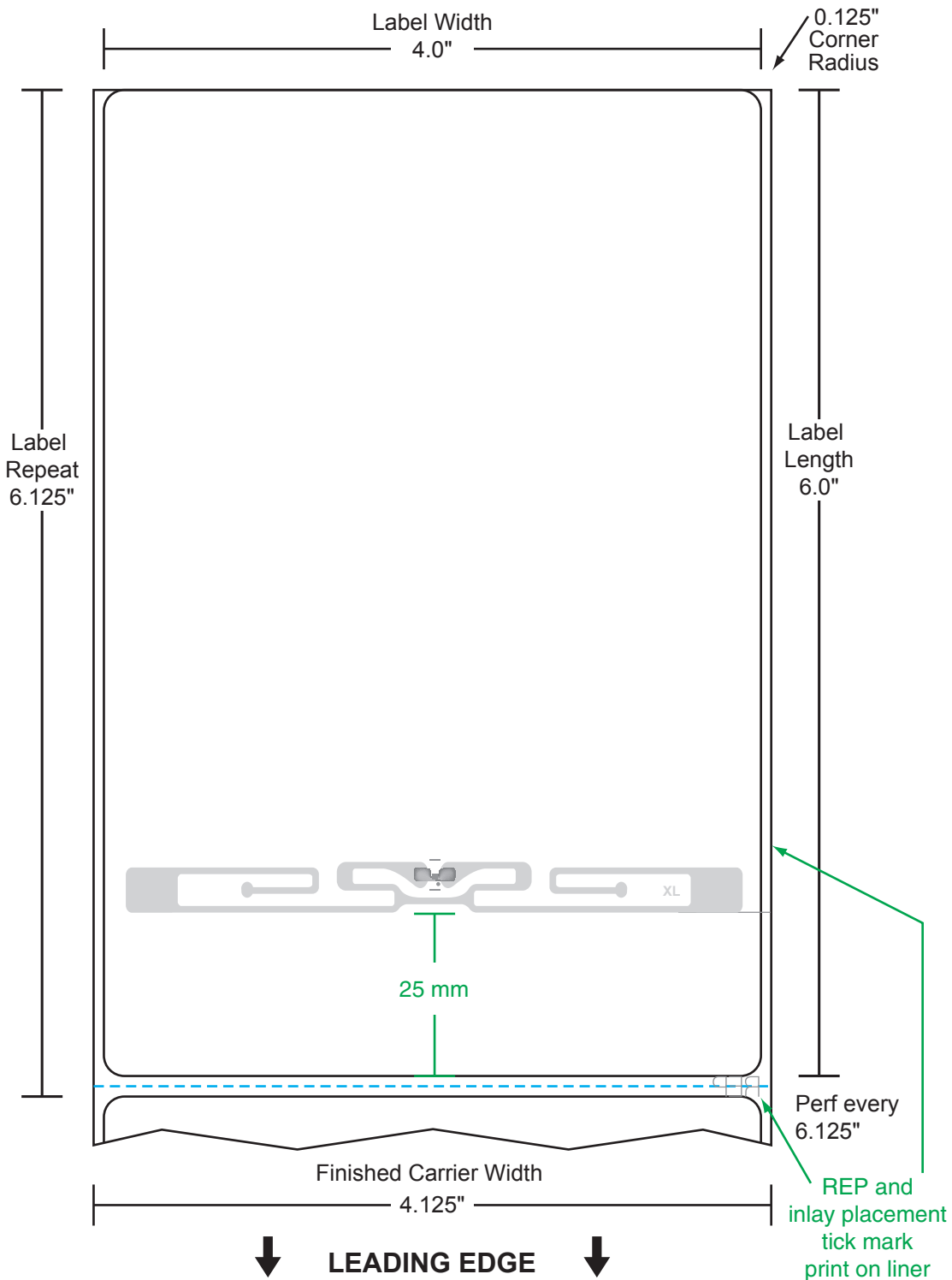


Avery AD227  
Inlay placement = 25 mm +/- 3 mm  
from leading edge of label to leading  
edge of antenna, chip trailing



# UHF RFID Inlays

## AD-227m5



### Dimensions:

**Operating Frequency:** Global (860-960MHz)

**RF Protocol:** ISO-18000-6C, EPC Gen 2 compliant

**Chip:** Impinj® Monza® 5

**EPC Memory:** 128 bit

**TID Memory:** 48 bits of serialized TID

### Common Applications:

- Apparel and Retail
- Supply Chain, Inventory and Logistics

Part Number	600366	600367	600368	600375
Format	Dry Inlay - Wide Web	Dry Inlay	PS Inlay	Dry Inlay - Reverse Wind
Antenna dimensions (CDxMD)	3.741 x 0.326 in [95.03 x 8.15 mm]	3.741 x 0.326 in [95.03 x 8.15 mm]	3.741 x 0.326 in [95.03 x 8.15 mm]	3.741 x 0.326 in [95.03 x 8.15 mm]
Die- cut dimensions	na	na	3.885 x 0.44 in [98.7 x 11.2 mm]	na
Inlay substrate material	PET	PET	PET	PET
Inlay- to- liner adhesive	na	na	Fasson S-490	na
Liner material	na	na	PET	na
Face sheet	na	na	na	na
Standard pitch	0.625 in [15.88 mm]	0.625 in [15.88 mm]	0.625 in [15.88 mm]	0.625 in [15.88 mm]
Standard web width	4.75 in [120.65 mm]	3.875 in [98.43 mm]	4.125 in [104.78 mm]	3.875 in [120.65 mm]
Total thickness over chip	N/ A	N/ A	N/ A	N/ A
Operating temperature	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]
RoHS	Designed to comply with EU Directive 2011/65/ EU	EU Directive 2002/95/ EC Compliant	EU Directive 2002/95/ EC Compliant	EU Directive 2002/95/ EC Compliant
Quality assurance	100% read tested with out- of- tolerance inlay marked	100% read tested with out- of- tolerance inlay marked	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	Inlay side- out	Inlay side- out
Core size with adaptor insert	6 in [152 mm]	6 in [152 mm]	3 in [ 76 mm]	6 in [152 mm]
Maximum roll outer diameter (not to exceed)	12 in [304 mm]	12 in [304 mm]	12 in [304 mm]	12 in [304 mm]
Average # of units per roll	20000	20000	20000	20000
Rev	01	01	01	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.