

**Printronix Auto ID Guide Specification  
RFID Label  
860-960 MHz EPC Class 1, Gen 2  
Avery AD-235u7 Antenna**



**Applicable Printer Models**

**SL5000r-ES MP2 Standard Pitch and SL4M Short Pitch**

**Disclaimer**

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6/15/2016

## Scope

This document provides guide specifications for constructing UHF Class 1, Gen 2, RFID labels with an Avery AD-235u7 RFID Gen2 Antenna for use with Printronix Auto ID RFID SL5000r MP2 Standard Pitch and SL4M Short Pitch printers.

## Requirements

Inlay Characteristics

Inlay: **Avery AD-235u7**

Inlay Dimensions: **2.756” (70.0mm) Wide x 0.571” (14.5mm) High**

Silicon Type: **NXP UCode 7**

EPC Memory: **128 bits**

User Memory: **N/A**

TID: **E2806810**

Nominal operating frequency: **860-960 MHz.**

EPC Protocol: **UHF Class 1, Gen 2**

## Printer Setup

SL4M/SL5r MP2 Std Pitch Pitch & SL4M Short Pitch Coupler Position: **Yellow**

SL5r MP2 Std Pitch RFID menu Tag Type: **“Avery AD235u7”**

SL5r MP2 Std Pitch RFID menu (Interim Tag Type: **“Avery AD230”**).

SL4M Short Pitch RFID menu Tag Type: **“Avery AD235u7”**

SL4M Short Pitch RFID menu (Interim Tag Type: **“S/Trac Web M5”**).

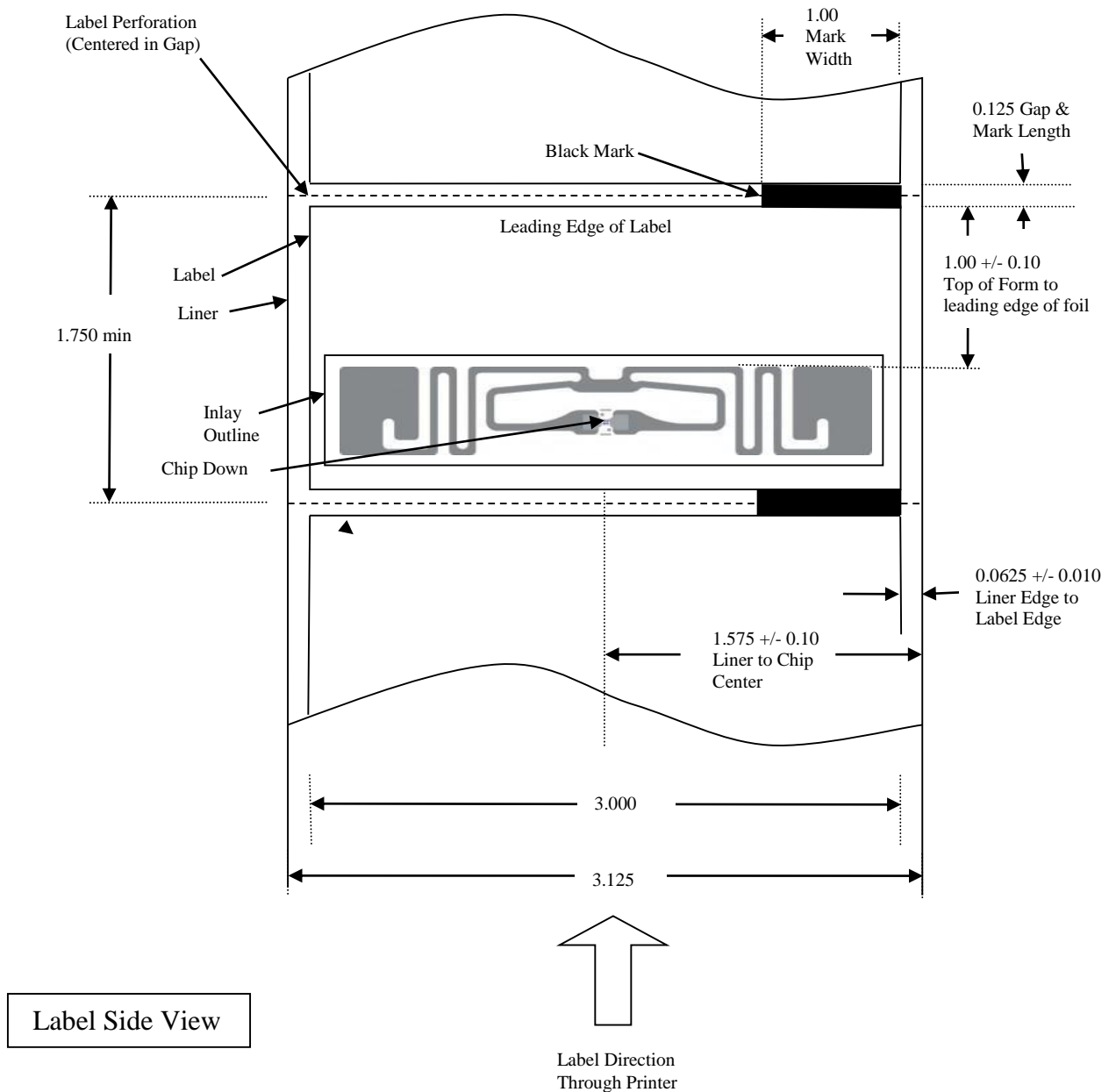
SL4M MP2 Std Pitch RFID menu Tag Position: **0.0 inches**

SL4M Short Pitch RFID menu Tag Position: **0.0 inches**

Interim Tag Type selection works with 96 bit EPC only. Printer firmware update is required to work with full memory.

## Contact Information

For comments or questions, please contact Andy Edwards at [AEdwards@Printronixautoid.com](mailto:AEdwards@Printronixautoid.com) or 657-258-0816.

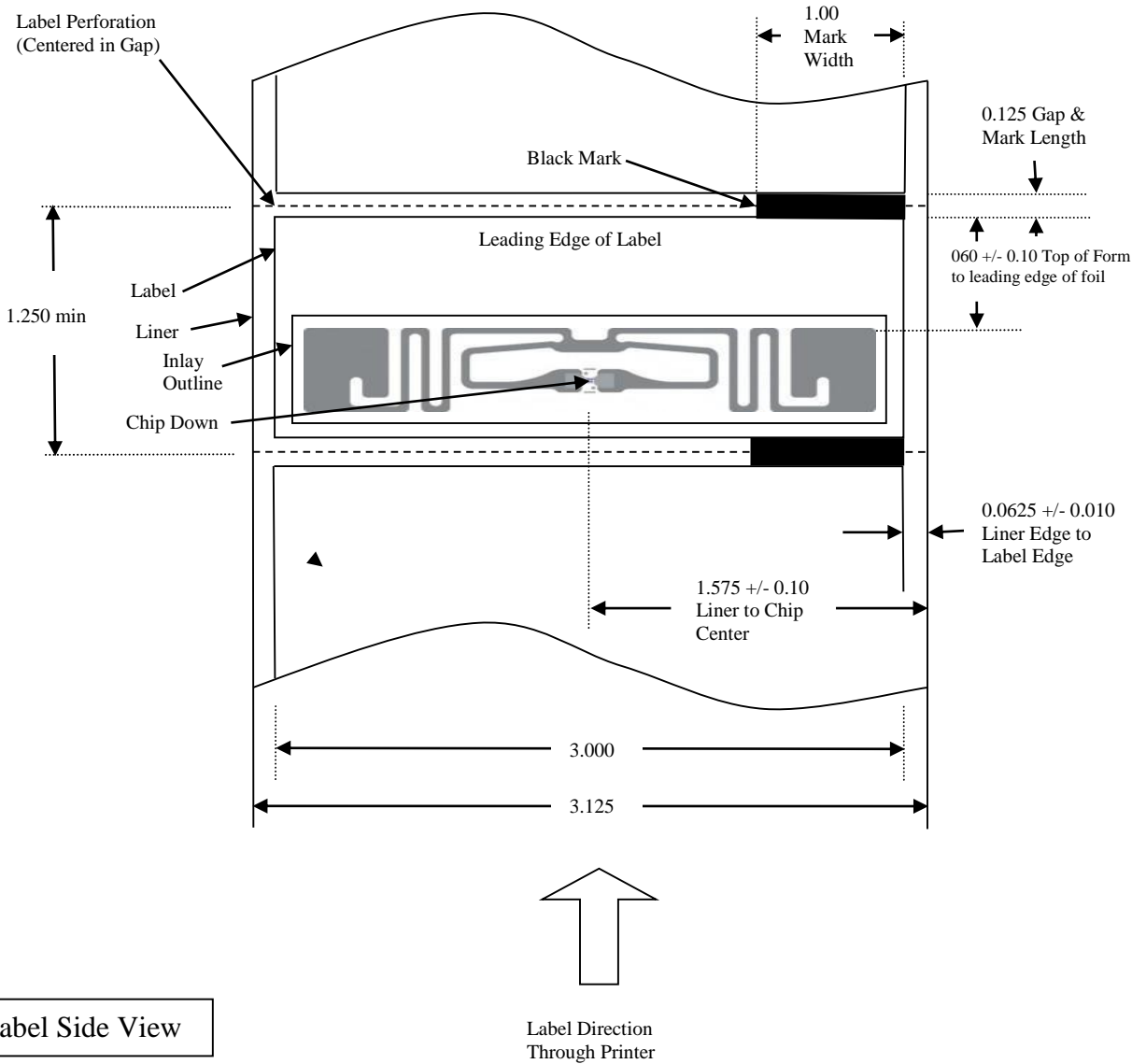


Printronix Auto RFID Label Requirements for SL4M/SL5r MP2  
 "Standard Pitch" Gen 2  
 Avery AD-235u7 Inlay

Not to Scale  
 All Dimensions in Inches

**Figure 1. Label Layout**

June 15, 2016



Label Side View

**Printronix Auto ID RFID Label Requirements for SL4M  
 “Short Pitch” Gen 2  
 Avery AD-235u7 Inlay**

Not to Scale  
 All Dimensions in Inches

**Figure 2. Label Layout**

June 15, 2016