

**Printronix Auto ID Guide Specification
RFID Label
860-960 MHz EPC Class 1, Gen 2
Avery AD-317iL Antenna**



Applicable Printer Model

SL4M/SL5000r 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-317iL RFID Gen2 Antenna for use with Printronix Auto ID RFID SL4M, SL5000r MP2 Standard Pitch and SL4M Short Pitch printers.

Requirements

Inlay Characteristics

Inlay: **Avery AD-317iL**. Silicon Type: **NXP UCode G2iL**. TID: **E2006806**.

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

EPC Memory: **128 bits**.

User Memory: **N/A**

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

Printer Setup

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

SL4M/SL5r MP2 Std Pitch & SL4M Short Pitch RFID menu Tag Type: **“Avery AD317iL”**

SL4M/SL5r MP2 Std Pitch RFID (Interim Tag Type: **“Avery AD230”**)

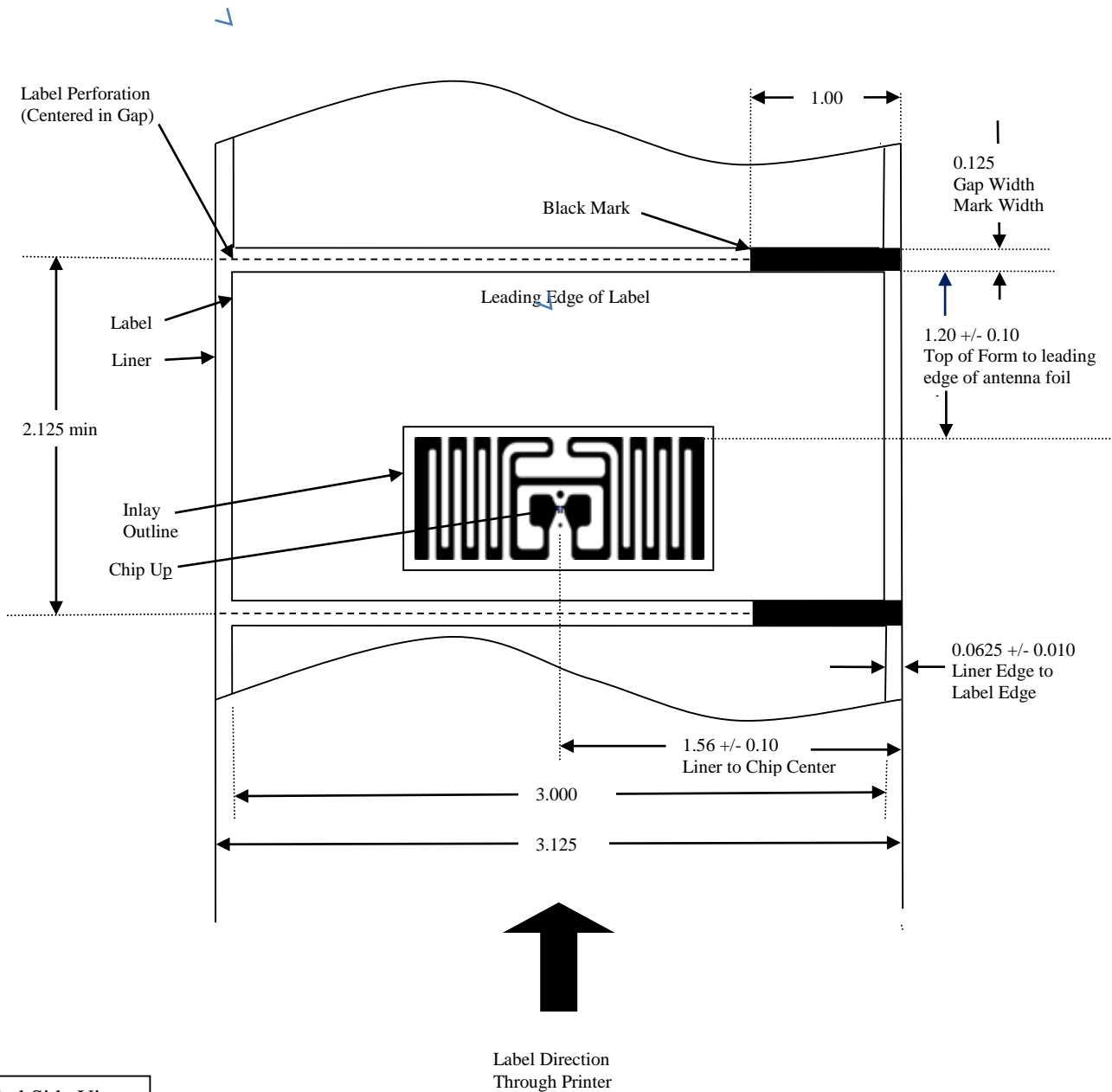
SL4M Short Pitch RFID menu (Interim Tag Type: **“N/A”** Use Custom Tag).

SL4M Short Pitch RFID menu Tag Position: **- 0.4 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 or 657-258-0816.

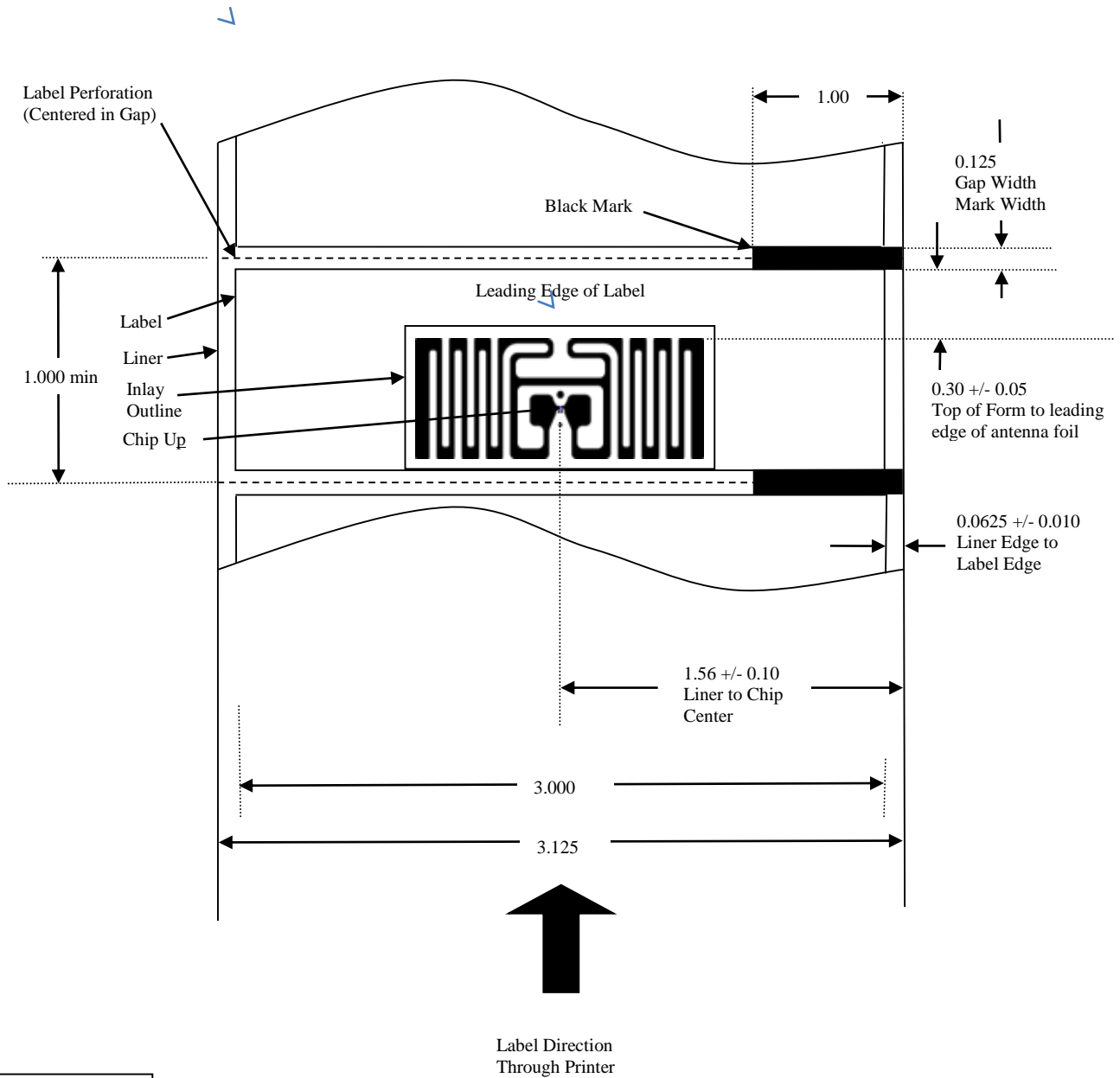


**Printronix Auto ID RFID Label Requirements for SL4M /SL5r
MP2 Standard Pitch Gen 2 Avery AD-317iL Inlay**

Not to Scale
All Dimensions in Inches

June 16, 2016
Revision B

Figure 1. Label Layout



Label Side View

Printronix Auto ID RFID Label Requirements for SL4M “Short Pitch” Avery AD-317iL Inlay

Not to Scale
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Figure 2. Label Layout