

**Printronix Auto ID Guide Specification
RFID Label
860-960 MHz EPC Class 1, Gen 2
Smartrac Web M5 Antenna**



Applicable Printer Models

SL4M/SL5000r MP2 Standard Pitch and SL4M Short Pitch

Disclaimer

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6/24/2016

Scope

This document provides guide specifications for constructing UHF Class 1, Gen 2, RFID labels with a Smartrac Web M5 RFID Gen2 Antenna for use with Printronix Auto ID RFID SL4M, SL5r MP2 Standard Pitch and SL4M Short Pitch printers.

Requirements

Inlay Characteristics

Inlay: **Smartrac Web M5**

Silicon Type: **Impinj Monza 5**

EPC Memory: **128 bits**

User Memory: **N/A**

TID: **E2801130**

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**

SL4M/SL5r MP2 Std Pitch RFID menu Tag Type: **“S/Trac Web M5”**

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

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

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

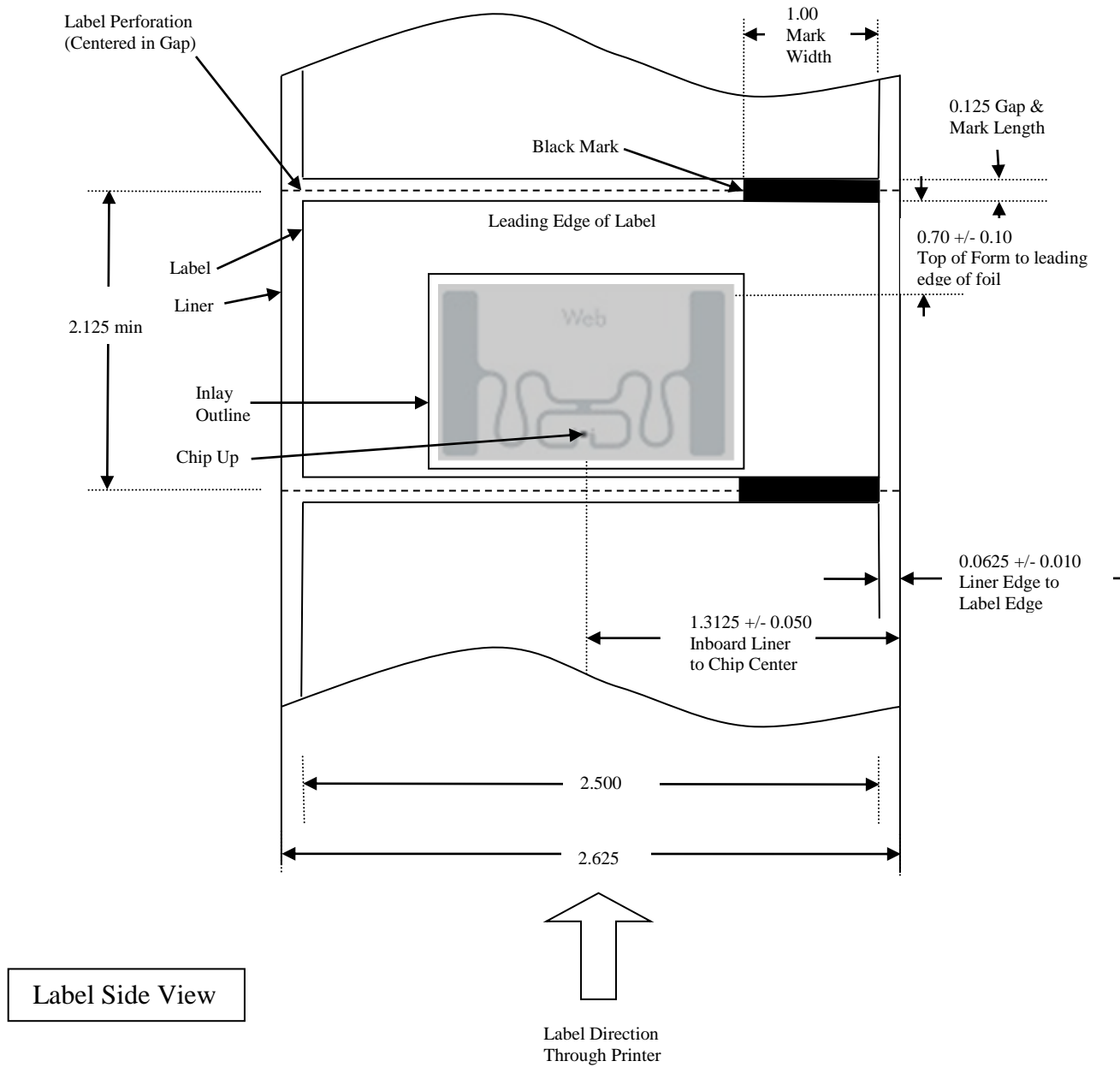
SL4M MP2 Std Pitch RFID menu Tag Position: **0.0 inches**

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 or 657-258-0816.



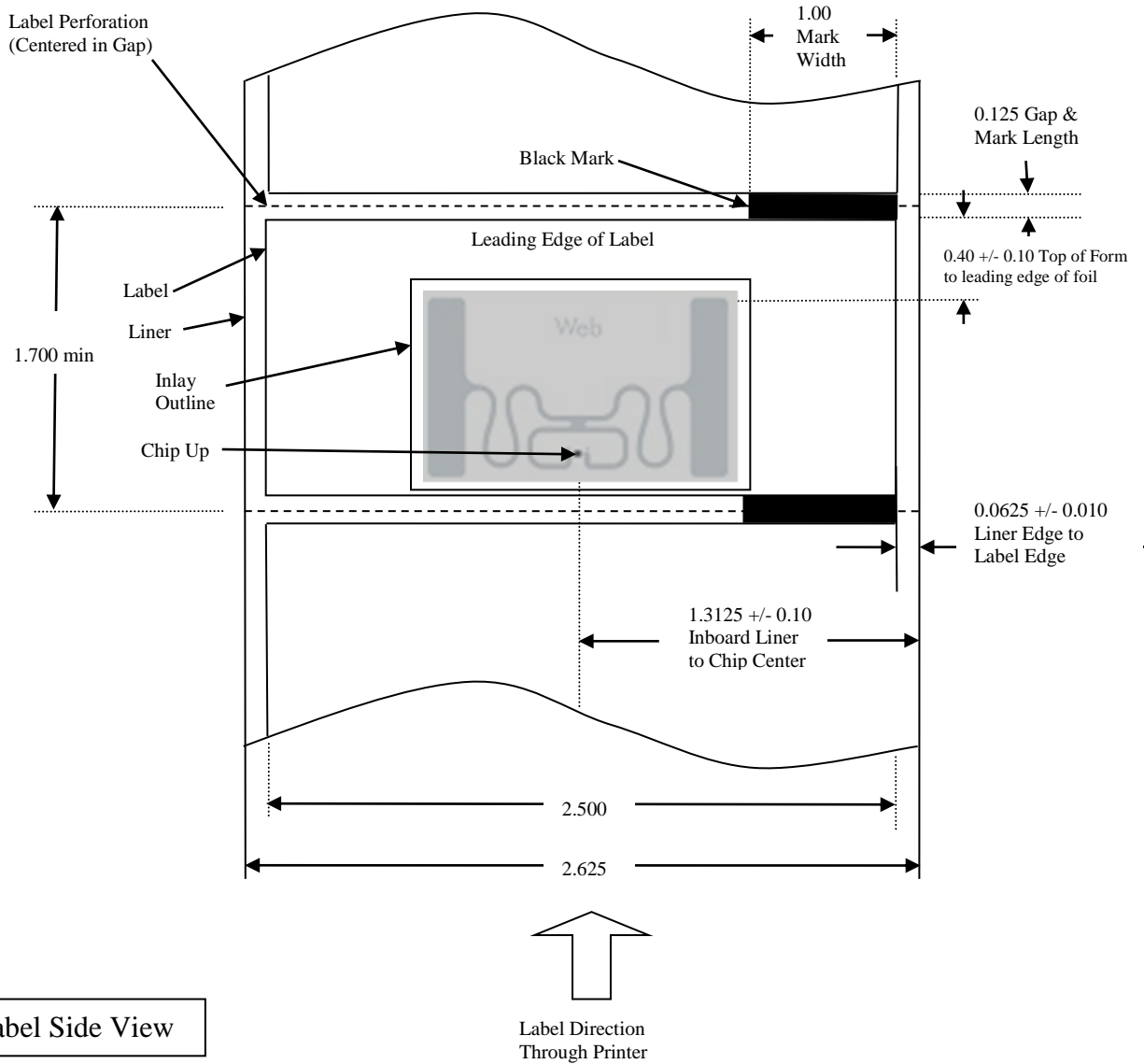
Label Side View

Printronix Auto ID RFID Label Requirements for SL4M/SL5r MP2
 "Standard Pitch" Gen 2
 Smartrac Web M5 Inlay

Not to Scale
 All Dimensions in Inches

Figure 1. Label Layout

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Label Side View

**Printronix Auto ID RFID Label Requirements for SL4M
 “Short Pitch” Gen 2
 Smartrac Web M5 Inlay**

Not to Scale
 All Dimensions in Inches

Figure 2. Label Layout

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