

Printronix Auto ID Guide Specification
RFID Label
860-960 MHz EPC Class 1, Gen 2
Smartrac Belt R6 Antenna



Applicable Printer Models

SL4M/SL5000r MP2 Standard Pitch and SL4M/T6 Short Pitch

Disclaimer

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11/22/2016

Scope

This document provides guide specifications for constructing UHF Class 1, Gen 2, RFID labels with a Smartrac Belt R6 RFID Gen2 Antenna for use with Printronix Auto ID RFID SL4M or SL5r-ES MP2 Standard Pitch or SL4M or T6 Short Pitch printers.

Requirements

Inlay Characteristics

Inlay: **Smartrac Belt R6.**

Inlay Antenna Dimensions: **2.70” (70.0mm) Wide x 0.40” (10.0mm) High**

Silicon Type: **Impinj Monza 6**

TID: **E2801160**

EPC Memory: **96 bits**

User Memory: **N/A**

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

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

Printer Support and Setup:

SL4M and SL5r-ES MP2 Standard Pitch Antenna Position: **Yellow**

SL4M Short Pitch Antenna Position: **Yellow**

T6 Short Pitch Antenna Position: **5**

SL4M and SL5r-ES MP2 Standard Pitch menu Tag Type: **“S/Trac Belt iL”**

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

T6 Short Pitch RFID menu Tag Type: **“StracBeltr6 ShrtPitch”**

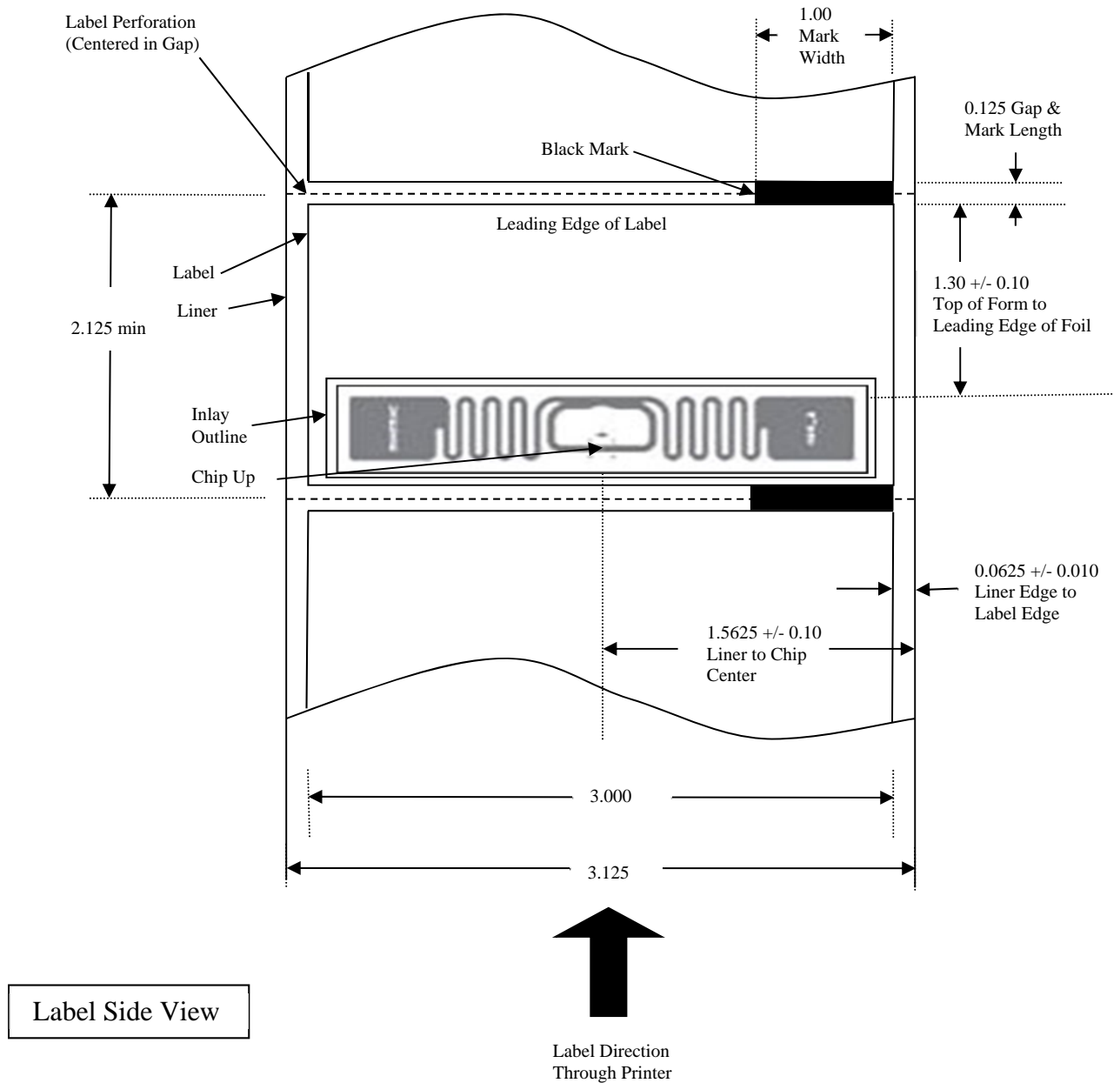
SL4M/SL5r-ES MP2 Std Pitch RFID menu Tag Position: **0.0 inches**

SL4M and T6 Short Pitch RFID menu Tag Position: **-0.3 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.

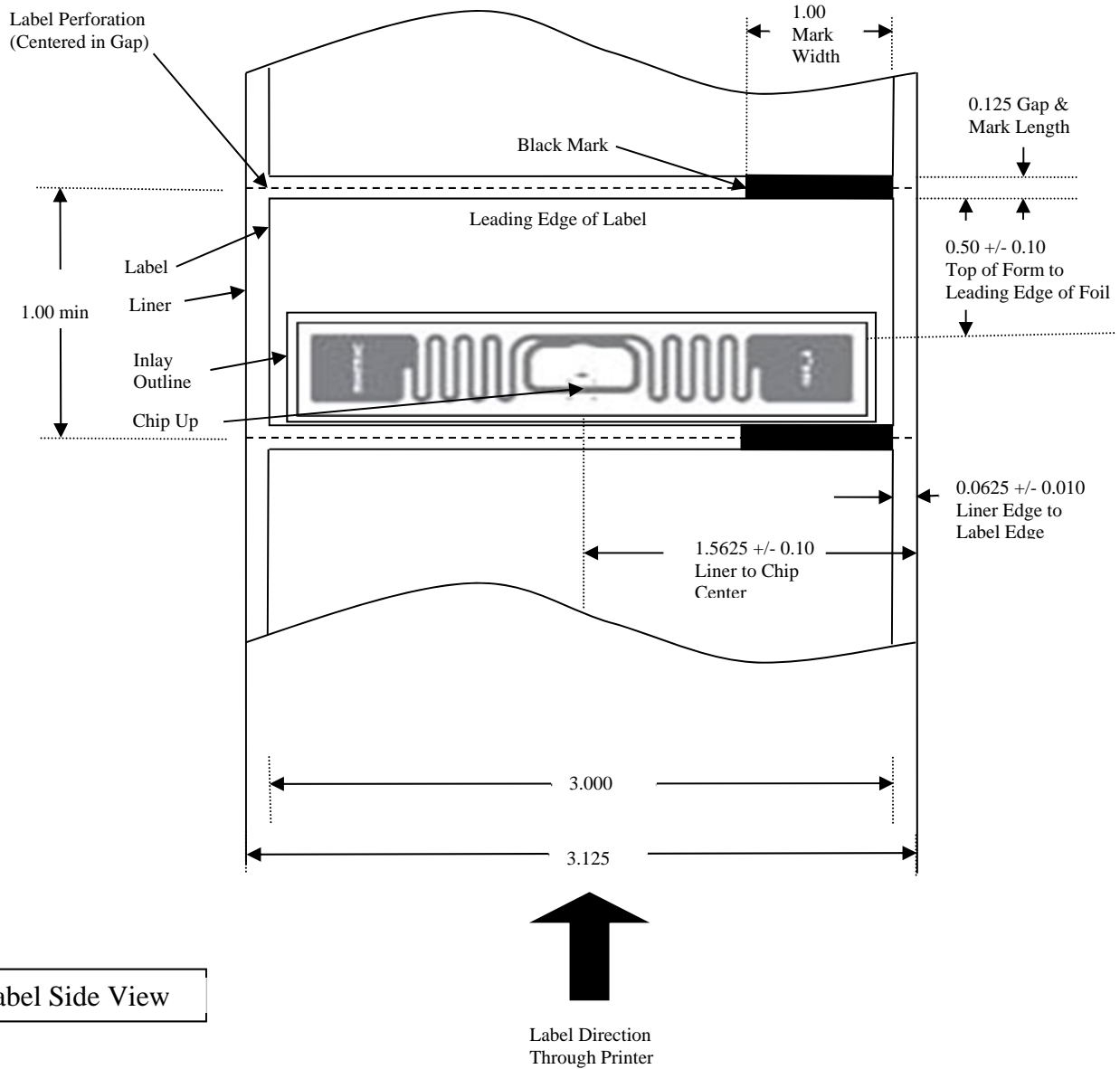


Printronix Auto ID RFID Label Requirements for SL4M & SL5r-ES MP2
 "Standard Pitch" Gen 2
 Smartrac Belt R6 Inlay

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 & T6
 "Short Pitch" Gen 2
 Smartrac Belt R6 Inlay**

Not to Scale
 All Dimensions in Inches

Figure 2. Label Layout

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