

Printronix Auto ID Guide Specification
RFID Label
860-960 MHz EPC Class 1, Gen 2
Tageos EOS-400 Antenna



Applicable Printer Models

SL4M/SL5000r MP2 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 Tageos EOS-400 RFID Gen2 Antenna for use with Printronix Auto ID RFID SL4M and SL5000r MP2 and SL4M Short Pitch printers.

Requirements

Inlay Characteristics

Inlay: **Tageos EOS-400**. Silicon Type: **Alien Higgs 3**. TID: **E2003412**.

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

EPC Memory: **96 bits up to 256 bits**.

User Memory: **320 up to 512 bits (set automatically based on EPC memory setting)**.

TID: **E2003412**.

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

Printer Setup

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

SL4M/SL5r & SL4M Short Pitch RFID menu Tag Type: **“Tageos EOS 400”**

SL4M/SL5r MP2 RFID menu (Interim Tag Type: **“Tageos EOS 300”**).

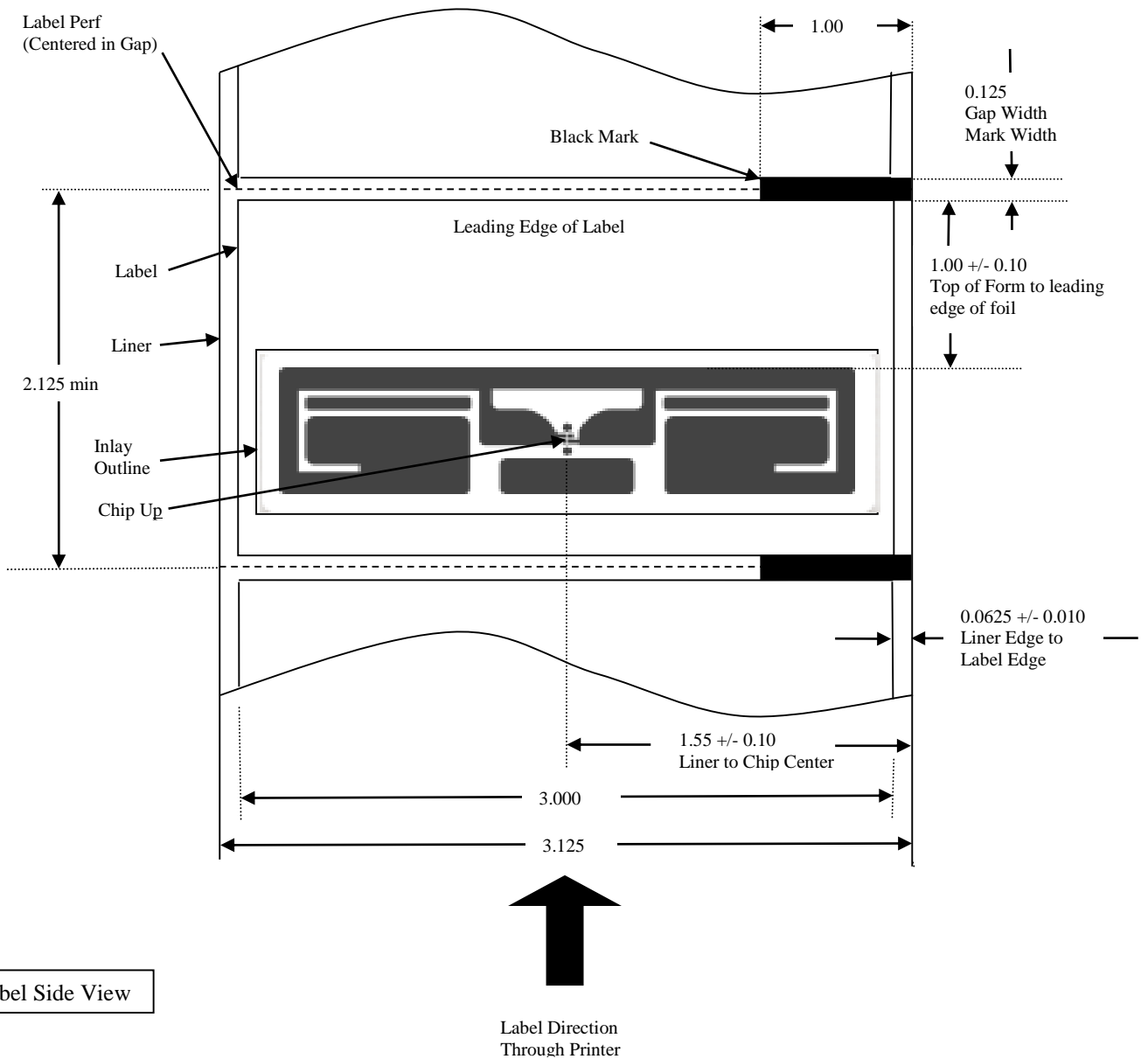
SL4M Short Pitch RFID menu (Interim Tag Type: **“Tageos EOS 300”**).

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.



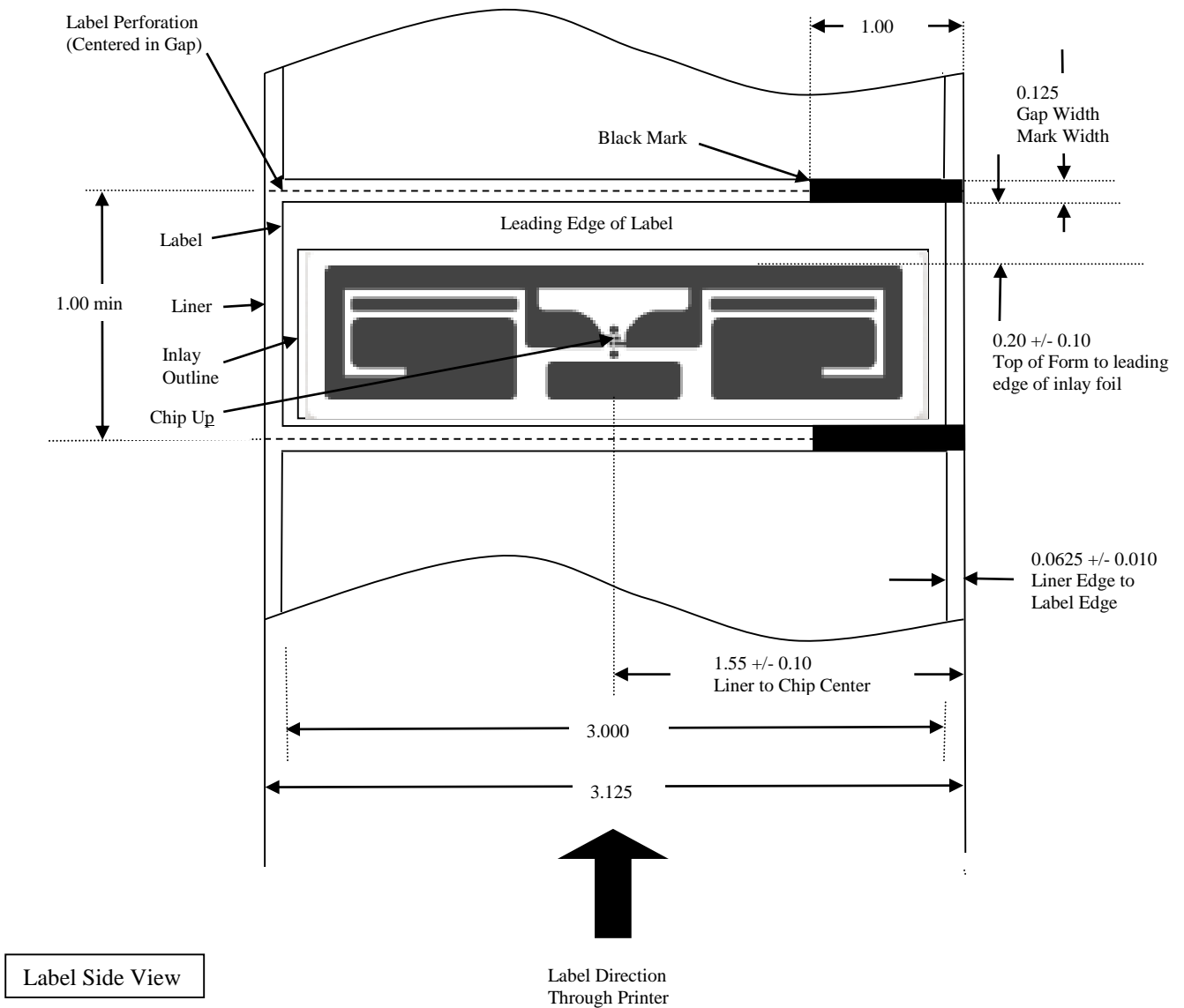
Label Side View

**Printronix Auto ID RFID Label Requirements for SL4M/SL5r
MP2 Gen 2**

Not to Scale
All Dimensions in Inches

June 24, 2016
Revision B

Figure 1. Label Layout



**Printronix Auto ID RFID Label Requirements for SL4M
 “Short Pitch” Tageos EOS 400 Inlay**

Not to Scale
 All Dimensions in Inches

June 24, 2016
 Revision B

Figure 2. Label Layout