

**Printronix Guide Specification
RFID Label
860-960 MHz EPC Class 1, Gen 2
Tageos EOS 300 Antenna**



Applicable Printer Models

SL4M/SL5000r MP2 Standard Pitch and SL4M Short Pitch

Disclaimer

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1/31/2013

Scope

This document provides guide specifications for constructing UHF Class 1, Gen 2, RFID labels with a Tageos EOS 300 RFID Gen2 Antenna for use with Printronix RFID SL4M, SL5000r MP2 Standard Pitch and SL4M Short Pitch printers.

Requirements

Inlay Characteristics

Inlay: **Tageos EOS 300.**

Silicon Type: **Alien Higgs 3.**

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

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

TID: **E2003412.**

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

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 RFID menu Tag Type: **“Tageos EOS 300”**

SL4M/SL5r MP2 Std Pitch RFID menu (Interim Tag Type: **“Avery AD231D”**).

SL4M Short Pitch RFID menu Tag Type: **“Tageos EOS 300”**

SL4M Short Pitch RFID menu (Interim Tag Type: **“Avery AD231D”**).

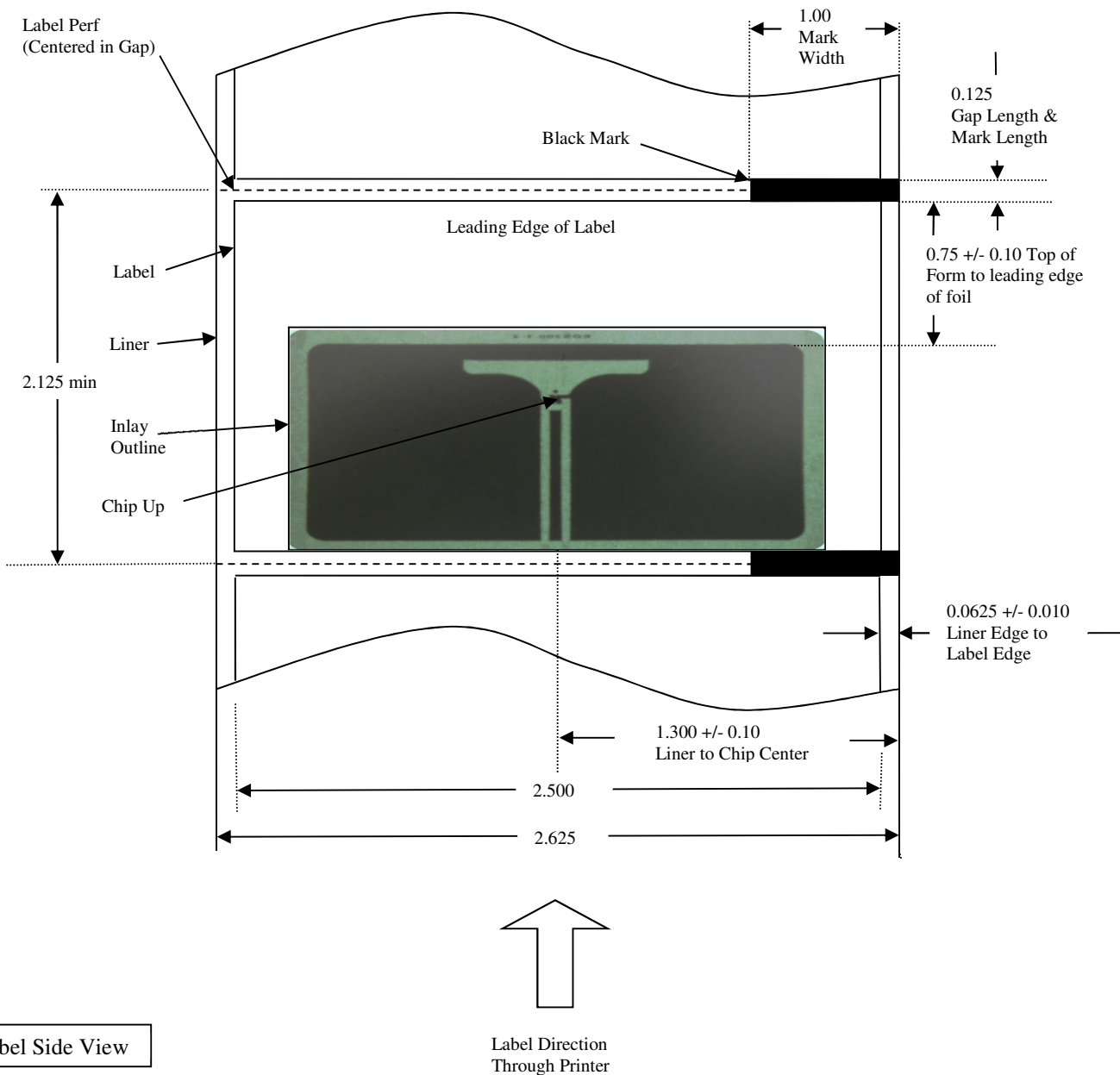
SL4M MP2 Std Pitch RFID menu Tag Position: **0.0 inches**

SL4M Short Pitch RFID menu Tag Position: **-0.2 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@printronix.com or 714-368-2548.

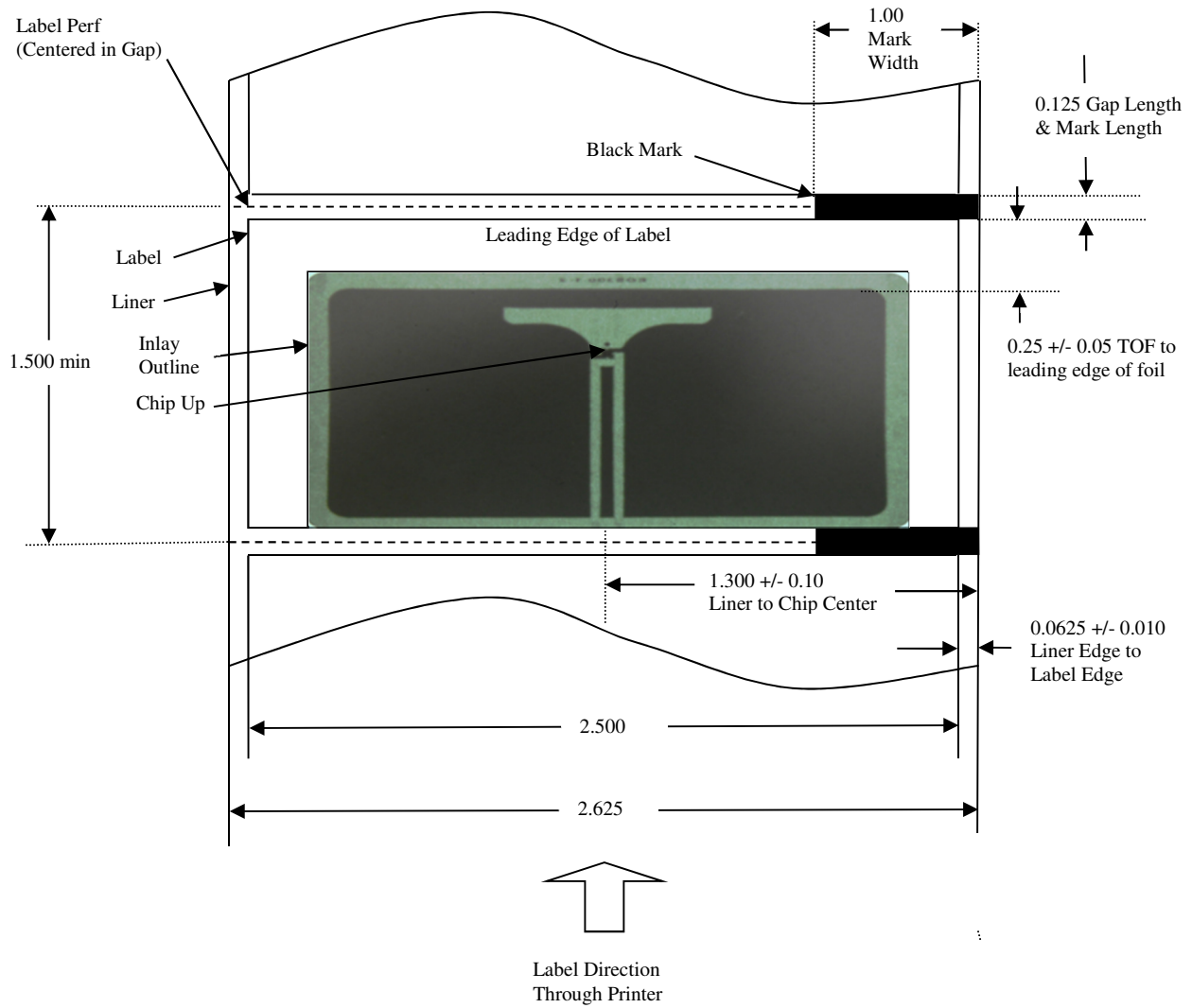


**Printronix RFID Label Requirements for SL4M/SL5r MP2
 "Standard Pitch" Gen 2
 Tageos EOS 300 Inlay**

Not to Scale

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 Revision 1.0

Figure 1. Label Layout



**Printronix RFID Label Requirements for SL4M “Short Pitch”
Tageos EOS 300 Inlay**

Label Side View

Not to Scale
All Dimensions in Inches

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Figure 2. Label Layout