

Printronix Auto ID Guide Specification
RFID Label
860-960 MHz EPC Class 1, Gen 2
Alien 9728 GT Antenna



Applicable Printer Models

SL4M/SL5000r MP2 and SL4M Short Pitch

Disclaimer

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6/14/2016

Scope

This document provides guide specifications for constructing UHF Class 1, Gen 2, RFID labels with an Alien 9728 GT RFID Gen2 Antenna for use with Printronix Auto ID RFID SL4M and SL5000r MP2 and SL4M Short Pitch printers.

Requirements

Inlay Characteristics

Inlay: **Alien 9728 GT**. Silicon Type: **Alien Higgs 4**. TID: **E2003414**.

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

EPC Memory: **128 bits**.

User Memory: **128 bits**.

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: “**Alien9728 GT**”

SL4M/SL5r MP2 RFID menu (Interim Tag Type: “**Alien9762 Short**”).

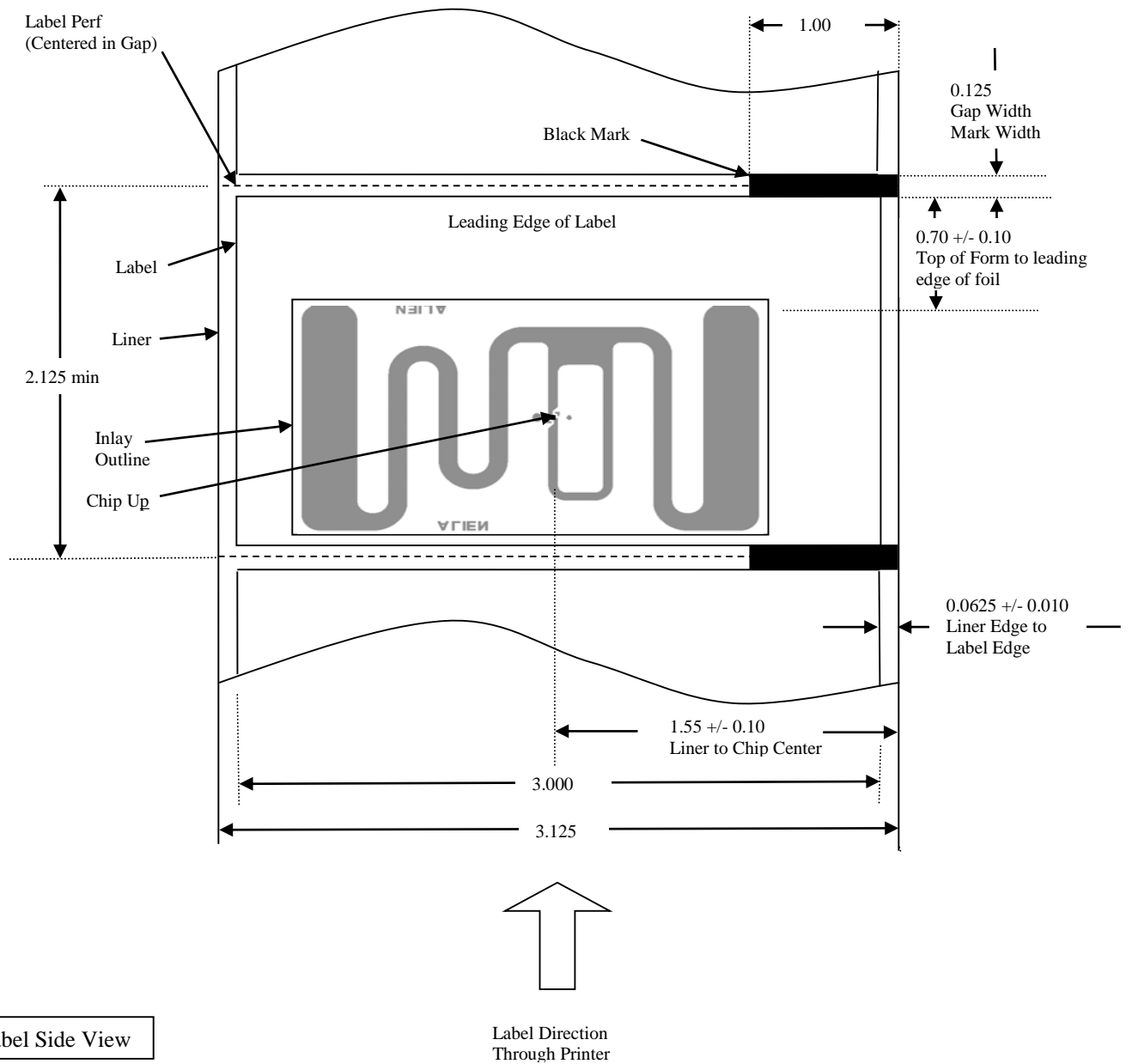
SL4M Short Pitch RFID menu (Interim Tag Type: “**Avery AD231D**”).

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@Printronixautoid.com or 657-258-0816.

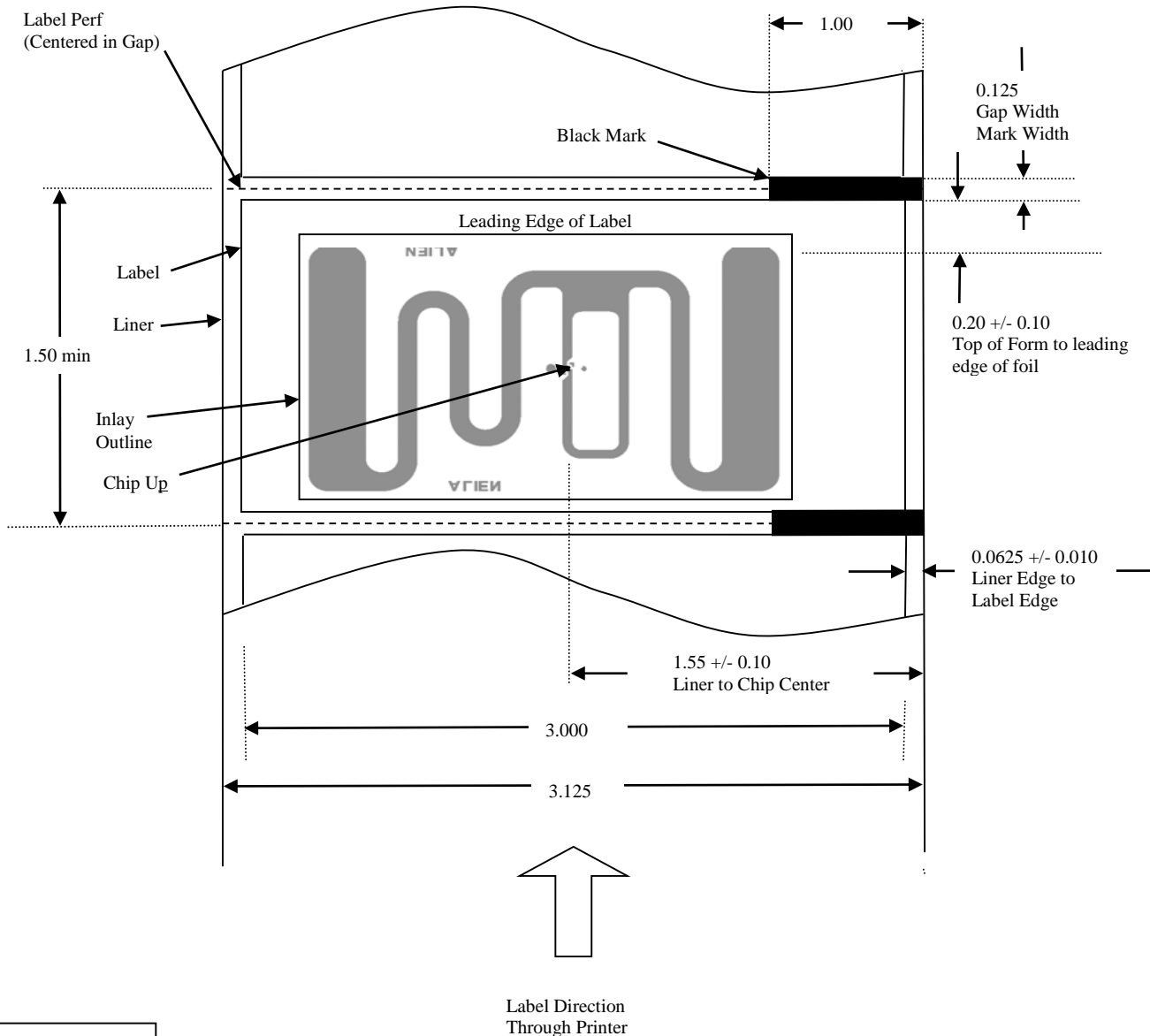


**Printronix Auto ID RFID Label Requirements for SL4M/SL5r
MP2 Gen 2 Alien 9728 GT Inlay**

Not to Scale
All Dimensions in Inches

June 14, 2016
Revision 1.0

Figure 1. Label Layout



Label Side View

Printronix Auto ID RFID Label Requirements for SL4M “Short Pitch” Alien 9728 GT Inlay

Not to Scale
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Figure 2. Label Layout