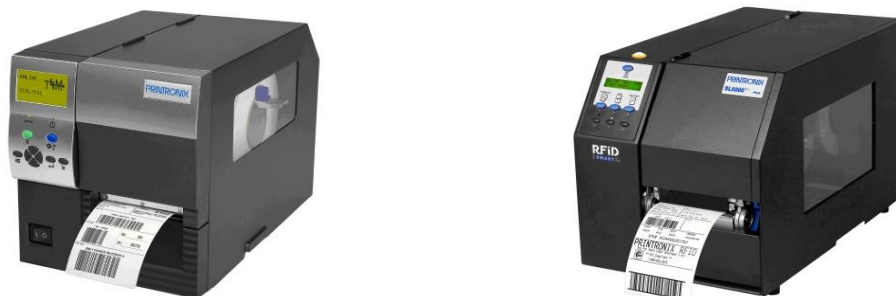


**Printronix Auto ID Guide Specification  
RFID Label  
860-960 MHz EPC Class 1, Gen 2  
UPM Frog 3D Antenna**



**Applicable Printer Models**

**SL4M MP2 and SL5000r MP2**

**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 UPM Frog 3D RFID Gen2 Antenna for use with Printronix Auto ID MP2 series RFID printers.

## Requirements

### Inlay Characteristics

Inlay: UPM Frog 3D. Silicon Type: Impinj Monza 4.

Monza 4D TID = E2801100

Monza 4E TID = E280110C

Monza 4U TID = E2801104

Monza 4QT TID = E2801105

Nominal operating frequency: 860-960 MHz.

EPC Memory: Monza: 4D = 128 bits, 4E = 496 bits, 4U = 128 bits, 4QT = 128 bits

User Memory: Monza: 4D = 32 bits, 4E = 128 bits, 4U = 512 bits, 4QT = 512 bits

EPC Protocol: UHF Class 1, Gen 2.

### Printer Setup

SL4M and SL5000r Coupler Position: **Yellow**.

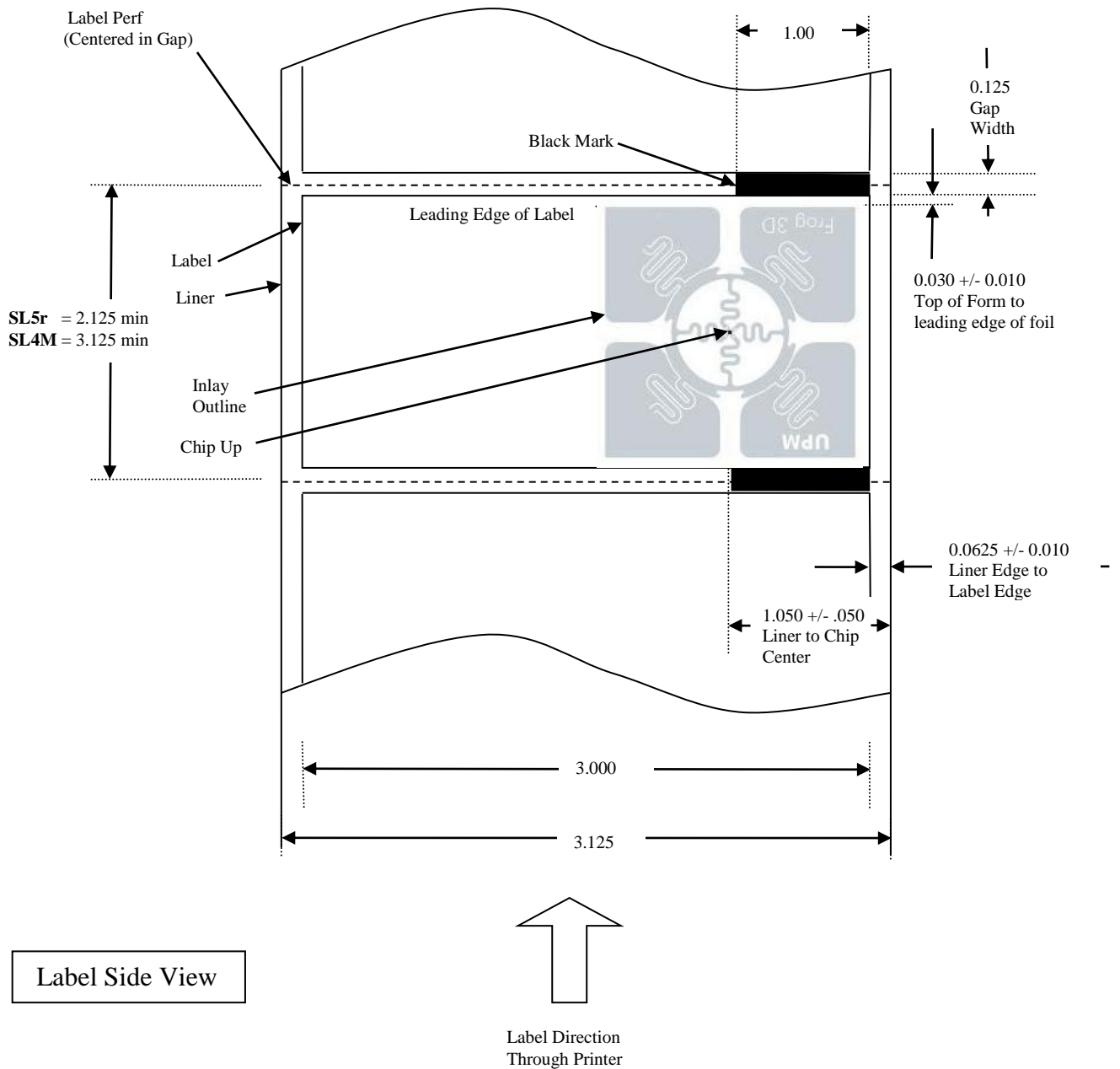
SL4M and SL5000r RFID menu Tag Type: “**UPM Frog 3D**”.

SL4M and SL5000r RFID menu (Interim Tag Type: “**Raf 1322 Sat**”).

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 [AEwards@Printronixautoid.com](mailto:AEwards@Printronixautoid.com) or 657-258-0816.



**Printronic Auto ID RFID Label Requirements for MP2 Gen 2 UPM Frog 3D Inlay**

Not to Scale  
All Dimensions in Inches

**Figure 1. Label Layout**

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