

**Printronix Guide Auto ID Specification  
RFID Label  
860-960 MHz EPC Class 1, Gen 2  
UPM 2029 Belt Antenna**



**Applicable Printer Models**

**SL4M MP2 and SL5000r MP2**

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6/17/2016

## Scope

This document provides guide specifications for constructing UHF Class 1, Gen 2, RFID labels with a UPM 2029 Belt RFID Gen2 Antenna for use with Printronix Auto ID MP2 series RFID printers.

## Requirements

### Inlay Characteristics

Inlay: UPM 2029 Belt

Silicon Type: Impinj Monza 5

TID: E2801130

Nominal operating frequency: 860-960 MHz.

EPC Memory: 128 bits

User Memory: N/A

EPC Protocol: UHF Class 1, Gen 2

### Printer Setup

SL4M and SL5000r Coupler Position: **Yellow**

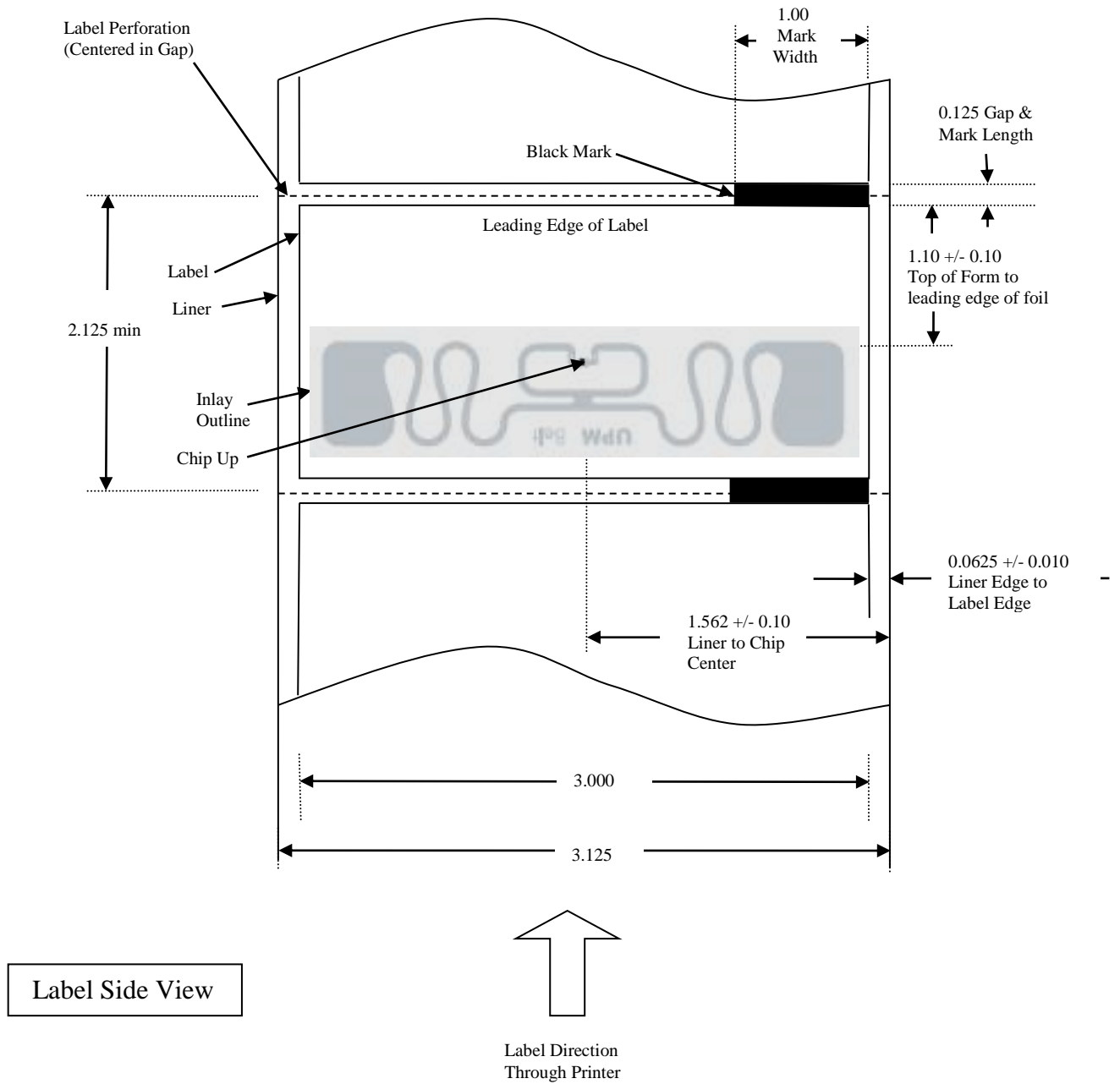
SL4M and SL5000r RFID menu Tag Type: “**UPM 2029Belt M5**”

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



Label Side View

**Printronic Auto ID RFID Label Requirements for MP2 Gen 2 UPM 2029 Belt Inlay**

Not to Scale  
All Dimensions in Inches

**Figure 1. Label Layout**

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