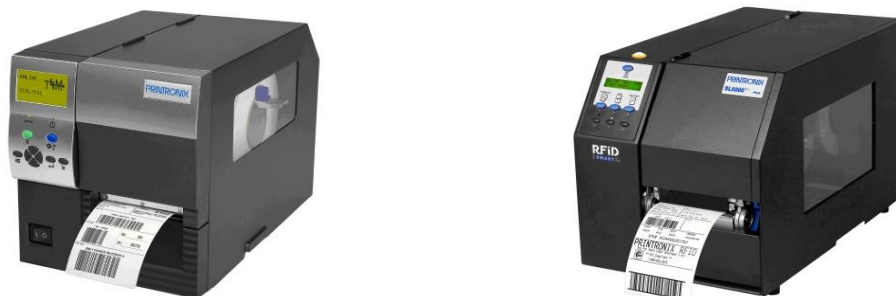


**Printronix Auto ID Guide Specification
RFID Label
860-960 MHz EPC Class 1, Gen 2
UPM 2043 Short Antenna**



Applicable Printer Models

SL4M MP2 and SL5000r MP2

Disclaimer

Notwithstanding anything to the contrary in this document, the guidelines, suggestions and other information included in this document or otherwise provided to the recipient, including the guidelines and suggestions for developing converted RFID labels, are provided by Printronix Auto ID on an "as is" basis and without warranty of any kind whatsoever, expressed or implied. In particular, Printronix Auto ID disclaims any implied warranty of merchantability or fitness for a particular purpose. Printronix Auto ID will not be liable under any circumstances for any damages or losses related in any way to use of the guidelines, specifications or other information, including damages, which may be incurred as a result of labels not working properly in a specific application. All specifications are subject to change without notice. Testing of the converted labels in the printer is recommended prior to production quantities.

6/24/2016

Scope

This document provides guide specifications for constructing UHF Class 1, Gen 2, RFID labels with a UPM 2043 Short RFID Gen2 Antenna for use with Printronix Auto ID MP2 series RFID printers.

Requirements

Inlay Characteristics

Inlay: UPM 2043 Short

Silicon Type: NXP G2iL or NXP G2iL+

TID: NXP G2iL TID = E2006805 or E2006806

NXP G2iL+ TID = E2006807

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: **Orange**

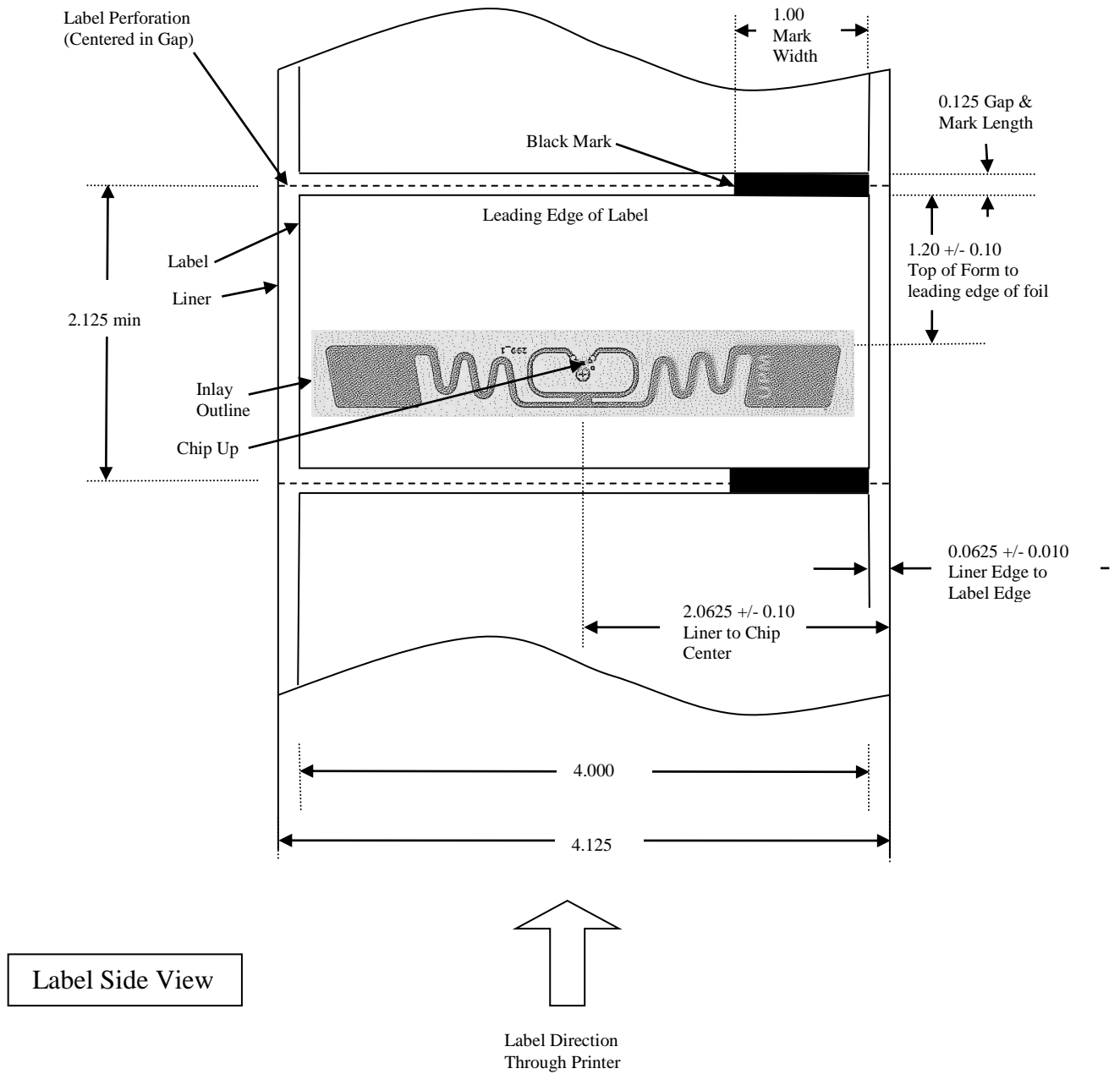
SL4M and SL5000r RFID menu Tag Type: “**UPM 2043Shrt iL**”

SL4M and SL5000r RFID menu (Interim Tag Type: “**Raf 1488 Short**”).

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.



**Printronic Auto ID RFID Label Requirements for MP2 Gen 2
UPM 2043 Short Inlay**

Not to Scale
All Dimensions in Inches

Figure 1. Label Layout

June 24, 2016