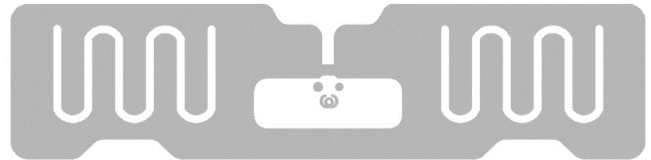


# INVENGO LOMBARD LABEL



## IMPINJ M730

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### About Invengo's Lombard

Invengo's Lombard label, equipped with Impinj M730 IC's, is a high-performance passive RFID tag that conforms to the ISO/IEC 18000-6C standard. With a frequency range covering 840 MHz to 960 MHz, this label exhibits high sensitivity and strong anti-interference capabilities, making it well-suited for smart healthcare management, logistics, warehouse management, and retail applications.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

### Features

- High sensitivity
- Strong anti-interference capability
- Outstanding multi-tag reading and writing performance
- ISO/IEC 18000-6C system support

### Industry

- Smart Healthcare
- Logistics
- Warehouse
- Retail

# Product Specifications

## RFID

<b>Product Specifications</b>	ISO/IEC 18000-6C (EPCglobal C1G2)
<b>Integrated Circuit (IC)</b>	Impinj M730
<b>Operating Frequency</b>	840 MHz to 960 MHz
<b>Writing distances</b>	0m ~ 4.5m
<b>Reading distances</b>	0m ~ 9m
<b>TID</b>	96 bits
<b>EPC</b>	128 bits

## Environmental

<b>Operating Temperature</b>	-40 °C to +85 °C
<b>Storage Temperature</b>	-40 °C to +85 °C
<b>Operating humidity</b>	20%~90%RH
<b>ESD</b>	±2000V peak
<b>Data retention</b>	10 years
<b>Endurance</b>	100,000 cycles

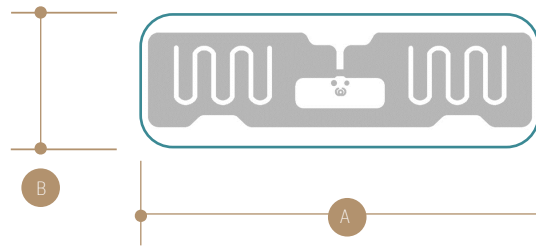
## Dimensions

<b>Facestock Size (A x B)</b>	74.00mm x 19.50mm
<b>Web Width (E)</b>	80.00mm
<b>Pitch (F)</b>	22.49mm

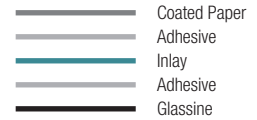
## Order Information

<b>Product code</b>	XC-TF8079-A-C113-FPI
<b>Packaging</b>	---
<b>Box Size</b>	---
<b>Weight</b>	---

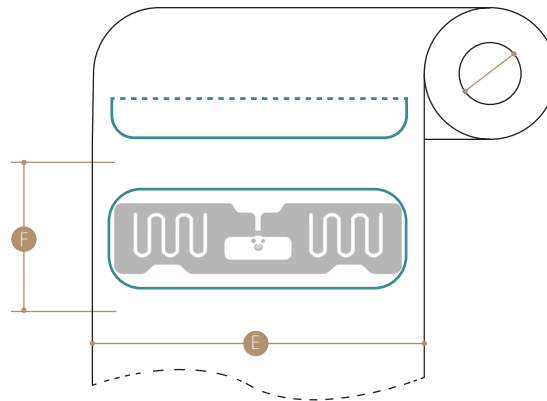
## Inlay Design



## Inlay Stackup



## Winding / Dimensions



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