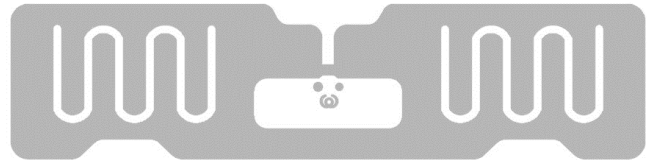


INVENGO LOMBARD WET INLAY



IMPINJ M730

About Invengo's Lombard

Invengo's Lombard wet inlay, 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, the Lombard 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

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

Environmental

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

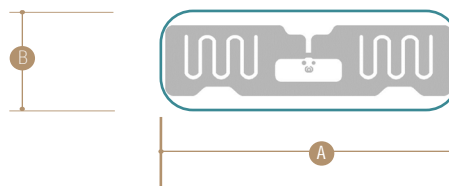
Dimensions

Antenna Size (A x B)	74.00mm × 19.50mm
Web Width (E)	80.00mm
Pitch (F)	22.49mm

Order Information

Product code	XC-TF8079-A-C113-FSI
Packaging	---
Box Size	---
Weight	---

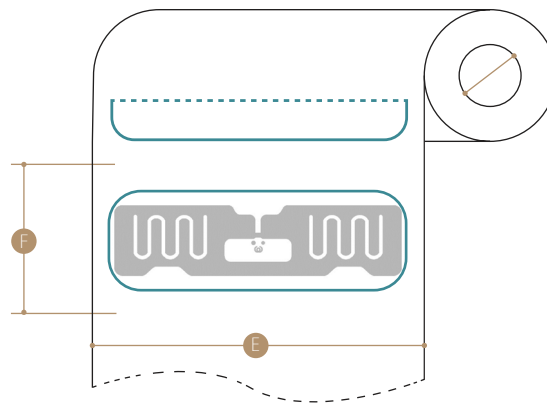
Inlay Design



Inlay Stackup



Winding / Dimensions



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