

EnC Microwaveable UHF RFID Label, 76×20mm

Impinj M730



Key Features

RFID Frequency

865 - 867 MHz

Air Interface Protocol

ISO 18000-63 and EPCglobal Gen2v2

Chip Type

Impinj M730

EPC Memory

96 bits

User Memory

32 bits

Tag Material

Polyimide

Tag Size

76mm(L) × 20mm(W)

Product Description

The Microwaveable UHF RFID Label is an innovative RFID solution tailored for food industry applications, particularly for food packaging and cooking processes. With its heat-resistant polyimide material, this RFID label can withstand up to 3 minutes under a 1500-watt microwave, ensuring reliable performance during heating cycles. Powered by the Impinj M830 chip, this RFID label offers 96-bit EPC memory, 32-bit user memory, and 48-bit TID memory for secure and flexible data storage. It supports omnidirectional reading, making it ideal for complex storage environments such as refrigerators, warehouses, and retail shelves.

This microwaveable label complies with ISO/IEC 18000-6C and EPC global Gen2V2 standards, ensuring global compatibility with leading RFID systems. With a passive operating mode, it provides a cost-effective, maintenance-free solution for inventory management, tracking, and quality control in the food supply chain.

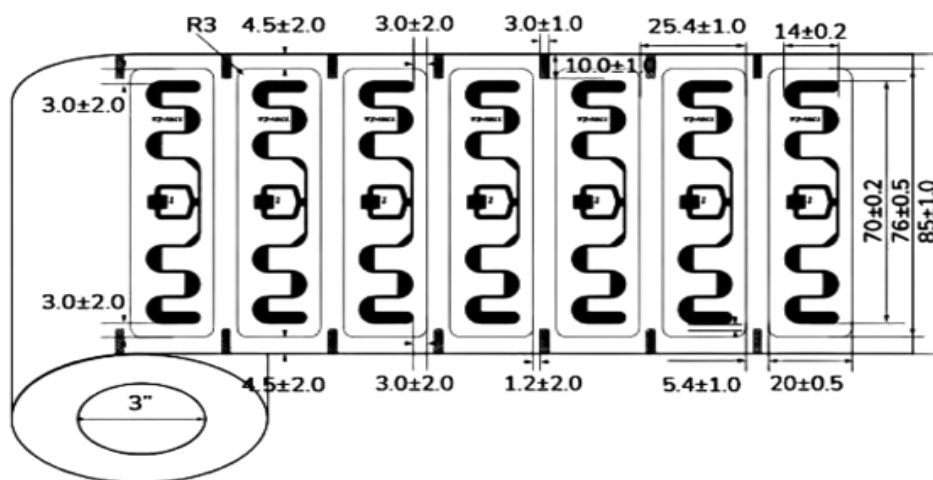
Tag Applications

- ❖ Food Packaging
- ❖ Retail Food Tracking
- ❖ Cold Chain Management
- ❖ Food Safety & Compliance

Technical Specifications

Operating Frequency	865 - 867 MHz
Communication Protocol	ISO 18000-63 and EPCglobal Gen2v2
Chip Type	Impinj M730
EPC Memory	96 bits
User Memory	32 bits
Write Cycle Endurance	100,000 cycles
Data Retention	10 Years
Read Sensitivity	-24 dBm
Write Sensitivity	-21 dBm
Tag Material	Polyimide
Tag Size	76mm(L) × 20mm(W)
Antenna Size	70mm(L) x 14mm(W)
Attachment /Mounting Method	Adhesive
Operating Temperature	-3 mins under 1500-Watt, -10 mins under 1000-Watt
Storage Temperature	20°C to +90°C

Product Diagram



encstore.com



+91 81305 01143



www.encstore.com



sales@encstore.com



16D, First floor, Mahaluxmi Tower,
Sector-4, Vaishali, Ghaziabad-201010