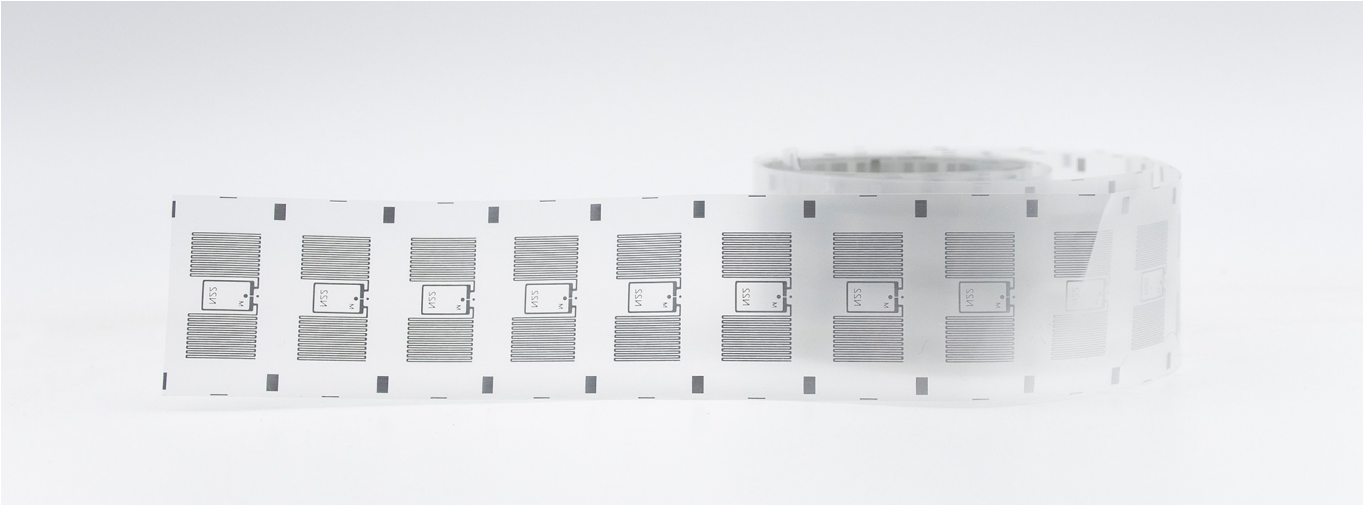


Niche 22 x 12 mm M830

The Niche RFID inlay/label from RICHRFID is specifically designed for apparel accessories, cosmetics, and healthcare products. Its compact form factor and high-performance IC make it ideal for tagging small, high-value, or delicate retail items.

The product is complied with EPCglobal Class 1 Gen 2 , ISO 9001 quality management and ISO 14001 environmental management standards, ensuring reliable, industry-grade performance for diverse use cases.

Equipped with the Impinj M830 IC. The IC has an Improved read / write sensitivity compared to the M700 series ,enables faster, more accurate bulk reading performance. Supports kill command functionality for updating or disabling tag data when required in retail environments. Provides simple access control for secure data management

The label size 25 x 15 mm which is easily converted into jewelry labels or small quality-display tags. Suitable for application on small cosmetic containers and compact healthcare products.

Overview

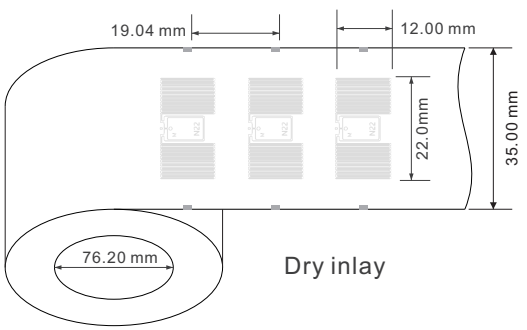
Frequency Band
UHF 860-960 MHz

Chip Type
Impinj Monza 830

Dimensions
22 x 12 mm / 0.87 x 0.47 in

Air Interface Protocol
ISO/IEC 18000-63 Type C

Application
Healthcare & Pharmaceuticals
Jewelry & Watch
Beauty Products

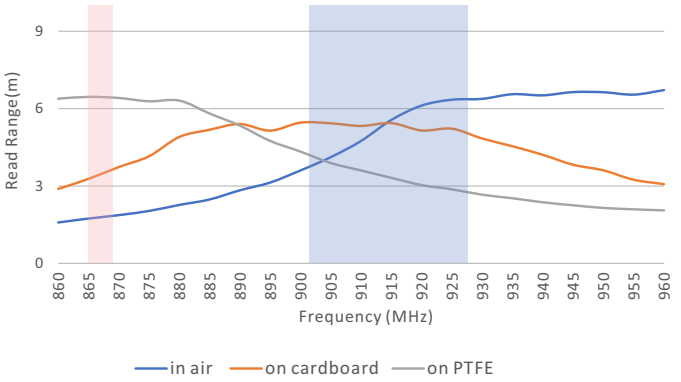


Dry inlay

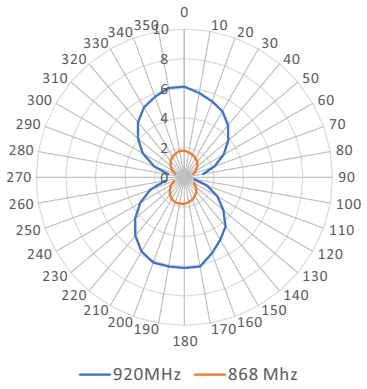
Technical Features

Chip Type	Impinj Monza 830	
EPC	128 bits	
User	N/A	
TID	96 bits	
Model	——	RC5132
Delivery Format	Dry Inlay	Label
Die-Cut Dimension	——	25 x 15 mm / 0.98 x 0.59 in
Inlay Substrate	50 um PET	50 um PET
Face Material	——	Coated Paper
Adhesive	——	Hot Melt
Standard Pitch	19.04 mm / 0.75 in	19.04 mm / 0.75 in
Web Width	35 mm / 1.38 in	35 mm / 1.38 in
Core inner Diameter	76.2 mm / 3.0 in	76.2 mm / 3.0 in
Operating temperature	-40°C to 85°C / -40°F to 185°F	
Storage Condition	20±5°C, 50±10% RH, Store away from sunlight	
Installation	——	Adhesive on clean & dry surface
Customization	Encoding, Designing, etc.	Printing, Encoding, Designing, etc.
Package	10,000 pcs / roll, 4 rolls / box	2,500 pcs / roll, 4 rolls / box
Application	Non-metal	

Read Range(2W ERP)



Radiation Pattern



PS: The performance is theoretical values in the lab and the actual effect depends on the specific applications.

RICHRFID

Web: https://www.richrfid.com E-mail: info@richrfid.com

Shenzhen | Hong Kong | Singapore | Seoul | Tokyo | Paris