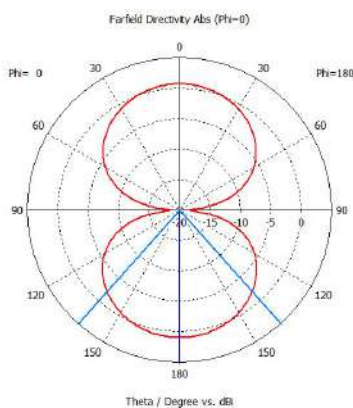




# POD TRAK 128 SEAL

## Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type (chip)**<sup>1</sup> NXP UCODE 9xm
- **Chip memory**<sup>2</sup> 496 bits EPC; 96 bits TID; 752 bits user memory
- **Read range off metal**<sup>3</sup> Up to 59.06 ft (18 m)
- **Polarization** Linear
- **Radiation pattern off metal**



## Key Features

- + **Durability:** protection against pressure washdowns, dust and impact
- + **18m:** market-leading read range on plastics
- + **Customizable identification:** unique ID serialization and laser marking
- + **Fast mounting:** for quick and secure attachment on uneven surfaces by rivets, zip ties, or industrial adhesive
- + **Global frequency:** compatible with RAIN RFID standards for seamless integration

## Applications

- **Returnable packaging: bins, crates, and pallets**
- **Transport assets**
- **Totes and containers**

## Environmental Specifications

### Temperatures



- Operational -40°C to +85°C
- Survival -40°C to +85°C

- **IP rating** IP68
- **Compression strength** 500 psi (3500 kPa)
- **Shock** 3ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

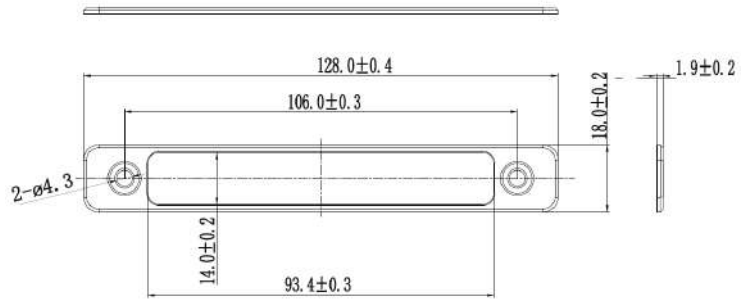
<sup>1</sup> The chip data retention is up to 50 years, based on chip operating under general environment conditions.

<sup>2</sup> EPC and User Memory can be re-programmed, password protected, or permanently locked. TID is locked and unique at the point of manufacturing.

<sup>3</sup> Fixed reader

## Physical Specifications

- **Material** PC carrier,  
White thermal transfer face stock
- **Dimensions (in)**<sup>1</sup> 5.04x 0.71 x 0.07
- **Dimensions (mm)**<sup>1</sup> 128 x18 x1.90
- **Weight** 0.16 oz (4.60g)



## Mounting Systems

- Pop rivets
- Screws
- Industrial adhesive

## Installation Instructions

1. Handle the tag by edges, peel the release liner from back ensuring not to touch the adhesive.

2. Place the tag in the desired tagging location and firmly apply even pressure to the tag for 5 seconds.

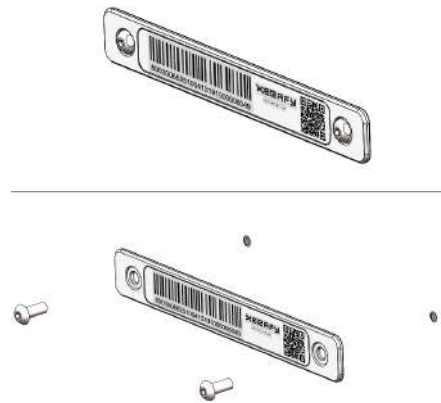
Use M4 rivets for attachment:

- Drill two holes (∅ 4.30) in the item surface, pitch: 106 mm.
- Utilize M4 rivets in conjunction with a rivet gun to securely fasten the tag onto the item surface.

Use M4 screws for attachment:

- Drill two holes (∅ 3.20) in the item surface, pitch: 106 mm.
- Perform a M4 thread tapping procedure.
- Utilize M4 screws to securely attach the tag to the item surface.

<sup>1</sup> Tolerance: L: +/- 0.016, W/H: +/- 0.008; L: +/- 0.400, W/H: +/- 0.200



## Industry Compliance



## Order Information

POD Trak 128 Seal: X0360-GL111-U9xm

## Customization Options

Encoding

Laser Marking

Printing

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