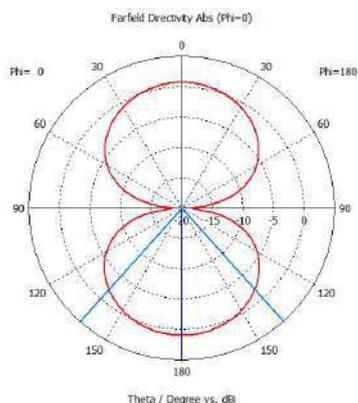




POD TRAK 115

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type (chip)**¹ NXP UCODE 9
- **Chip memory**² 96 bits EPC, 96 bits TID
- **Write cycles** 100,000 times
- **Data retention** 20 years
- **Read range fixed**³ Up to 55.77 ft (17 m) on plastic
- **Read range handheld**³ Up to 32.81 ft (10 m) on plastic
- **Polarization** Linear
- **Radiation pattern off metal**



Key Features

- + **Flexible form factors:** ensure a perfect fit and protection for a variety of returnable assets
- + **Customizable identification:** unique ID serialization and printing
- + **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 +55°C
-40°F to +131°F
- **Survival** -40°C to +70°C
-40°F to +158°F

- **IP rating** IP68
- **Shock** 3ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

¹ The chip data retention is up to 20 years, based on chip operating under general environment conditions.

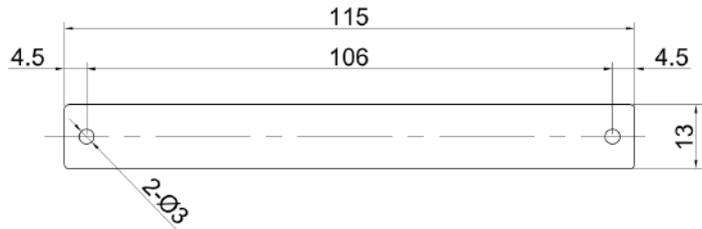
² EPC and User Memory can be re-programmed, or permanently locked. TID is locked and unique at the point of manufacturing.

³ Off metal



Physical Specifications

- **Material** PVC
- **Dimensions (in)**¹ 4.53 x 0.51 x 0.03
- **Dimensions (mm)**¹ 115 x 13 x 0.88
- **Weight** 0.10 oz (2.80 g)



Mounting Systems

- Rivets
- Screws
- Zip ties
- 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 M3 rivets for attachment:

- Drill two holes (ø 3.20) in the item surface, pitch: 106 mm.
- Utilize M3 rivets in conjunction with a rivet gun to securely fasten the tag onto the item surface.

Use M3 screws for attachment:

- Drill two holes (ø 2.20) in the item surface, pitch: 106 mm.
- Perform a M3 thread tapping procedure.
- Utilize M3 screws to securely attach the tag to the item surface.

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

Industry Compliance



Order Information

POD TRAK 115: X1113-GLC01-U9

Customization Options

Encoding

Printing

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