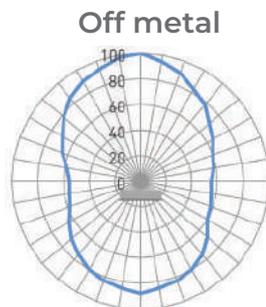
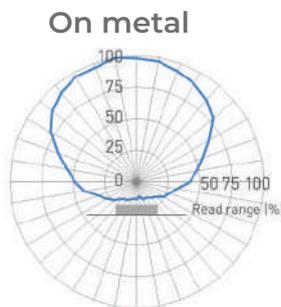




DATA TRAK II

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type (chip)**¹ Impinj M781
- **Chip memory** 128 bits EPC; 96 bits TID; 512 bits user memory
- **Read range on metal**² Up to 14.76 ft (4.50 m)
- **Read range off metal**² Up to 6.56 ft (2 m)
- **Polarization** Linear
- **Radiation pattern**



Key Features

- + **Multi-surface:** for on/off metal asset
- + **Global freq:** worldwide compatibility
- + **Various mounting systems**
- + **Cost-effective:** for high volume

Applications

- Data centers
- IT asset management
- Manufacturing WIP
- Automated inventory

Environmental Specifications

Temperatures



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

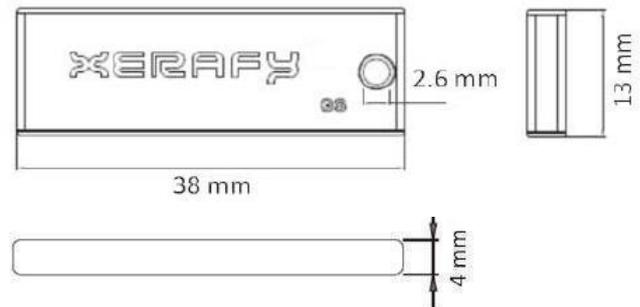
- **IP rating** IP68
- **Compression strength** 14.5 psi (100 kPa)
- **Shock** 3ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

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

² Fixed reader

Physical Specifications

- **Material** Industry grade polymer
- **Dimensions (in)**¹ 1.50 x 0.51 x 0.16
- **Dimensions (mm)**¹ 38 x 13 x 4
- **Tethering hole diameter**² 0.10 in (2.60 mm)
- **Weight** 0.08 oz (2.40 g)



Mounting Systems

- Cable ties
- Industrial adhesive

Installation Instructions

1. Clean the surface using Isopropyl alcohol, alcohol pad or equivalent solvent.
2. Handle the tag by edges, peel release liner from back ensuring not to touch the adhesive.
3. Place the tag in desired tagging location and firmly apply even pressure to the tag for 5 seconds.
4. Do not disturb the newly mounted tag for at least 15 minutes to ensure proper adhesive seating.

* Other installation options: cable tie (tethering hole: 2.60mm, based on your application environment)

¹ Tolerance: +/- 0.02; +/- 0.50

² Tolerance: +/- 0.008; +/- 0.200

Industry Compliance



Order Information

Data TRAK II: X0330-GL011-M781

Customization Options

Encoding

ATEX Certified Version

Printing

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