



GLOBAL TRAK

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type (chip)**¹ Impinj M4QT
- **Chip memory** 128 bits EPC; 32 bits TID; 512 bits user memory
- **Read range on metal**² Up to 8.20 ft (2.50 m)
- **Read range off metal**² Up to 5.91 ft (1.80 m)
- **Polarization** Linear
- **Radiation pattern**

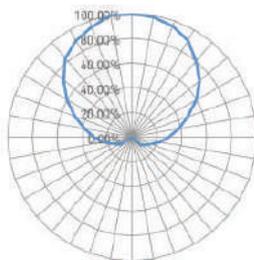
Key Features

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

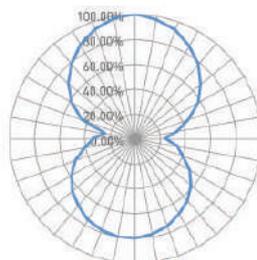
Applications

- Global supply chain
- Logistics
- Datacenter servers
- E-commerce

On metal



Off metal



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

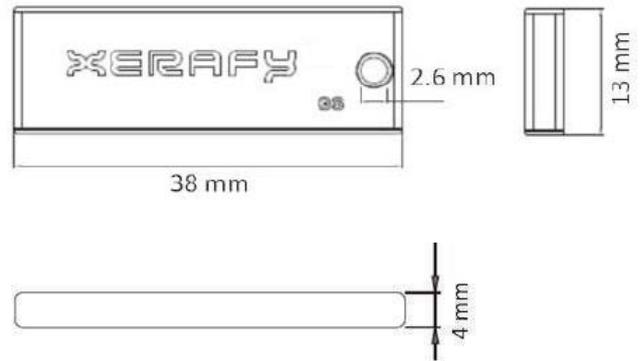
¹ The chip data retention is up to 50 years, based on chip operating under general environment conditions.

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 tie
- 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 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

Global Trak: X0340-GL021-M4QT

Customization Options

Encoding

ATEX Certified Version

Printing

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