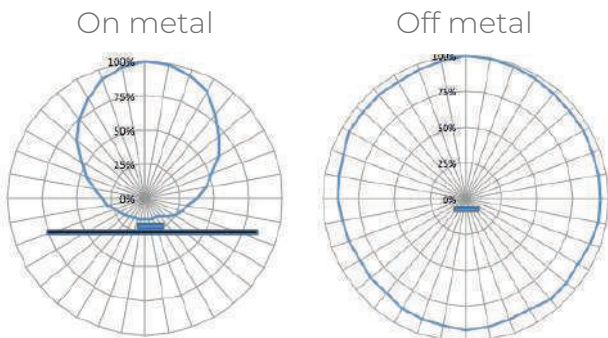




## SLIM TRAK

### Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- **Frequency** 860-960 MHz (Global)
- **IC type** (chip)<sup>1</sup> Impinj M830
- **Chip memory** 128 bits EPC; 96 bits TID
- **Write cycles** 10,000 times
- **Data retention** 10 years
- **Read range on metal tool**<sup>2</sup>  
Up to 16.40 ft (5 m)
- **Read range on wooden hammer**<sup>2</sup>  
Up to 13.12 ft (4 m)
- **Polarization** Linear
- **Radiation pattern**



### Key Features

- + **Slim profile:** for small asset
- + **Global freq:** worldwide compatibility
- + **150°C:** withstand high temperatures
- + **IP68 rating:** waterproof

### Applications

- **MRO tool tracking**
- **IT asset management**
- **Military asset & weapon tracking**

### Environmental Specifications

#### Temperatures



- **Operational** -40°C to +85°C  
-40°F to +185°F
- **Survival** -40°C to +150°C  
-40°F to +302°F

- **IP rating** IP68
- **Compression strength** 106 psi (731 kPa)
- **Impact** 3ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

<sup>1</sup> The chip data retention is up to 10 years, based on chip operating under general environment conditions.

<sup>2</sup> Fixed reader. Performance based on standard testing methodologies. Performance may vary depending on environmental factors and reader output power.



## Physical Specifications

- **Material** RF4 (PCB)
- **Dimensions (in)**<sup>1</sup> 2.22 x 0.23 x 0.05
- **Dimensions (mm)**<sup>1</sup> 56.50 x 5.95 x 1.30
- **Weight** 0.04 oz (1 g)

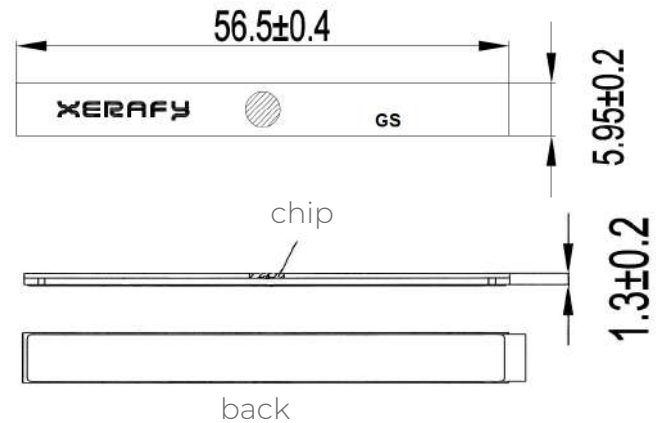
### Mounting Systems

- Industrial adhesive

### Installation Instructions

1. Clean the surface using Isopropyl alcohol, alcohol pad or equivalent solvent to ensure surface is free from dirt, dust, oil and misc,debris that may affect adhesion.
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.

<sup>1</sup>Tolerance: +/- 0.008; +/- 0.200 mm



## Industry Compliance



## Order Information

Slim TRAK: X0330-GL001-M830

### Customization Options

Encoding

ATEX Certified Version

Silk Screen

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