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#### **Product Specifications**

## **Omni-ID Prox®**

Omni-ID Prox offers the smallest form factor and best performance in a metal environment of any UHF RFID Tag on the market. The Prox is available as a regionally-tuned tag, or broadband tag providing strong global functionality across all geographic regions. Omni-ID Prox comes standard with a printed label finish. It is also available in a low profile ruggedized rigid case for applications with harsh environmental requirements.

|                                  | Prox Label  |   |  |
|----------------------------------|---|---|--|
|                                  | Regional  | Global  | Prox Rigid Case  |
| Read Range <sup>1</sup>          | Balanced<br>Up to 3.0 (US)<br>Up to 2.0 (EU)  | Balanced<br>Up to 2.5 (Global)  | Balanced<br>Up to 3.0 (global)   |
| Size (mm)                        | 33 x 10 x 4.8 (US)<br>35 x 10 x 4.8 (EU)  | 35 x 10 x 4.8   | 50 x 16 x 8.4  |
| Size (in)                        | 1.30 x 0.39 x 0.19 (US)<br>1.38 x 0.39 x 0.19 (EU)  | 1.38 x 0.39 x 0.19  | 1.97 x 0.63 x 0.33   |
| Weight (g)                       | 1.7 (US), 1.9 (EU)  | 1.9   | 6.0  |
| Encasement                       | Synthetic Label   | Synthetic Label   | Rigid case (PC)  |
| Frequency Range (MHz)            | 902–928 (US)<br>866–868 (EU)  | 860–960 (Global)  | 860–960 (global)   |
| ІС Туре                          | Alien Higgs 3   | Alien Higgs 3   | Alien Higgs 3  |
| User Memory (bits)               | 512   | 512   | 512  |
| Operating Temperature (°C)       | +5 to +40 °C  | +5 to +40 °C  | −20 to +85 °C  |
| IP Rating                        | IP54  | IP54  | IP68   |
| Shock and Vibration <sup>2</sup> | MIL STD 810-F<br>BS EN 60068-2  | MIL STD 810-F<br>BS EN 60068-2  | MIL STD 810-F<br>BS EN 60068-2   |
| Attachment                       | Film Adhesive (std.)<br>Foam Adhesive (opt.)  | Film Adhesive (std.)<br>Foam Adhesive (opt.)  | Manual (std.)<br>Film Adhesive (opt.)<br>Foam Adhesive (opt.)                            |
| Warranty (months)                | 12  | 12  | 36   |
| Order Number                     | 011-EU<br>011-US<br>:304 (ATEX marked),<br>:507 (std. foam),<br>:508 (premium foam)<br>:510 (Tether cradle) | 011-GS<br>:304 (ATEX marked)<br>:507 (std. foam),<br>:508 (premium foam)<br>: 510 (Tether cradle) | 023-GS<br>:304 (ATEX marked)<br>:502 (film),<br>:507 (std. foam),<br>:508 (premium foam) |

1. Quoted performance achieved using standard Omni-ID test methodology, details available upon request.

2. Product designed to meet MIL STD 810-F and BS EN 60068-2. Please contact Omni-ID for further details.

Product is RoHS Compliant.



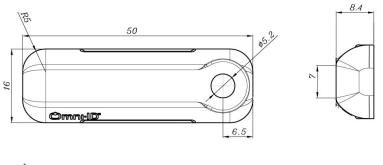
# **Omni-ID Prox®**

## **Target Applications**

With their low profile and small footprint, Prox tags are ideally suited for asset tracking and management of small high-value assets, such as:

- Servers
- Routers
- Disk Drives
- Tools and manufacturing equipment
- Construction helmets

#### **Dimensions**





## **Contact Information**

For more information, contact:

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#### For product or technology inquiries:

Email customer.services@omni-id.com Visit Omni-ID – The Leader in Passive RFID Tags for Asset Tracking

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