

## **Micro UHF Metal Tracking Tag**

The tag can be embedded in metal and will withstand repeated autoclave cycles. It is designed to meet FDA requirements, is ATEX certified, and is an ideal solution for tracking small tools. Such as scalpel, Bearing, auto spare parts, etc.

It is biocompatible to ensure safety in medical applications and have been tested to survive high heat in repeated autoclave cycles and industrial chemical washes that normally complicate the application of RFID devices.







#### **Technical Data Sheet:**

| Physical Features: |                 |   |                              |
|--------------------|-----------------|---|------------------------------|
| Model              | 6009            | Name                                    | Micro UHF Metal Tracking Tag |
| Material           | Ceramic         | Color                                   | Black                        |
| Dimensions         | 4.8 x 4.8 x 3mm | Weight                                  | 0.4g                         |
| Working Temp       | -40°C∼+250°C    | Storage Temp                            | -40°C ∼+250°C                |
| IP Rating          | IP68            | Humidity                                | 98% Non-condensing           |
| RFID Features:     |                 |   |                              |
| RFID Standard      |                 | ISO/IEC 18000-6 TypeC (EPC Gen2)        |                              |
| Chip Type          |                 | Alien Higgs-3/Impinj Monza 5            |                              |
| EPC Memory         |                 | 96 bits to 480 bits                     |                              |
| User Memory        |                 | 512 bits                                |                              |
| Read               | US 902-928 MHz  | 8 MHz 0.5-1.5m                          |                              |
| Range              | EU 865-868 MHz  | 0.5-1.0m                                |                              |
| Other Features:    |                 |   |                              |
| Data Storage       |                 | > 10 years                              |                              |
| Re-write           |                 | 100,000 times                           |                              |
| Installation       |                 | Embedded, Epoxy, 3M Adhesive            |                              |
| Customization      |                 | Printing LOGO, Encoding, Designing, etc |                              |
| Package            |                 | Tube, Box                               |                              |









### **Application:**

- Weapon Control
- Bearing management
- Surgical instruments tracking
- Auto Spare Parts
- Small Metallic Tools Tracking



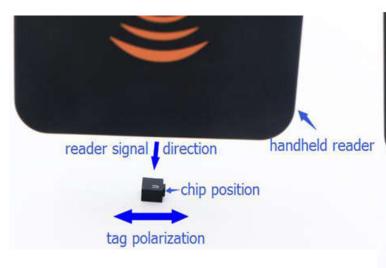






# **Operation Manual**

## 6009,6012 read way recommended



## 6009,6012 read way not recommended

