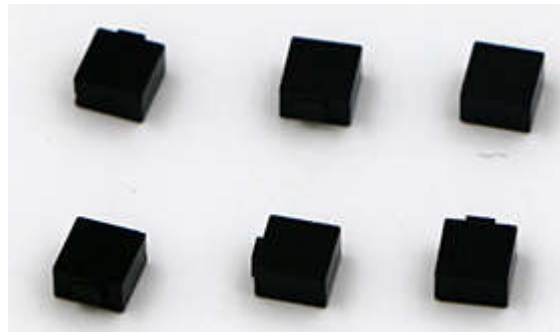


## Micro UHF Metal Tracking Tag

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	6012	Name	Micro UHF Metal Tracking Tag
Material	Ceramic	Color	Black
Dimensions	4x4x3mm	Weight	0.4g
Working Temp	-20°C ~ +150°C	Storage Temp	-40°C ~ +150°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 Range	US 902-928 MHz	0.5-1.5m	
	EU 865-868 MHz	0.5-1.0m	
Other Features:			
Data Storage	> 10 years		
Re-write	100,000 times		
Installation	3M Adhesive		
Customization	Printing LOGO, Encoding, Designing, Barcode, etc		

**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

