

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	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

