

## Micro UHF Ceramic Tag

The tag can be embedded in metal or attached on metal surface, withstand repeated autoclave cycles. It is designed to meet FDA requirements, is ATEX certified, the ideal solution for tracking small tools, surgical instrument, bearing, auto spare parts, etc. It is bio-compatible 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.

### Physical Features:

Model:	RCC6012
Material:	Ceramic
Color:	Black
Dimensions:	4 x 3 x 3 mm(L x W x T)
Weight:	0.3 g
Working Temp:	-40~+85°C
Storage Temp:	-40~+250°C
IP Code:	IP68
Humidity:	98% Non-condensing

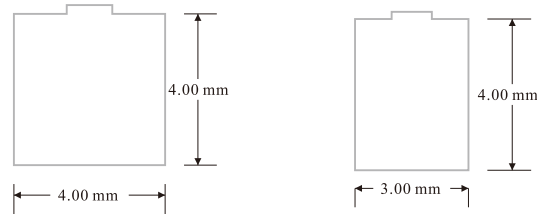
### RFID Features:

RFID Standard:	ISO/IEC 18000-6C (EPC Gen2)
Chip Type:	Alien Higgs-3
Memory:	User - 512 bits; EPC - 96 bits; TID - 32 bits
Read Range(2W ERP FCC):	1.6 m
Read Range(2W ERP ETSI):	1.7 m

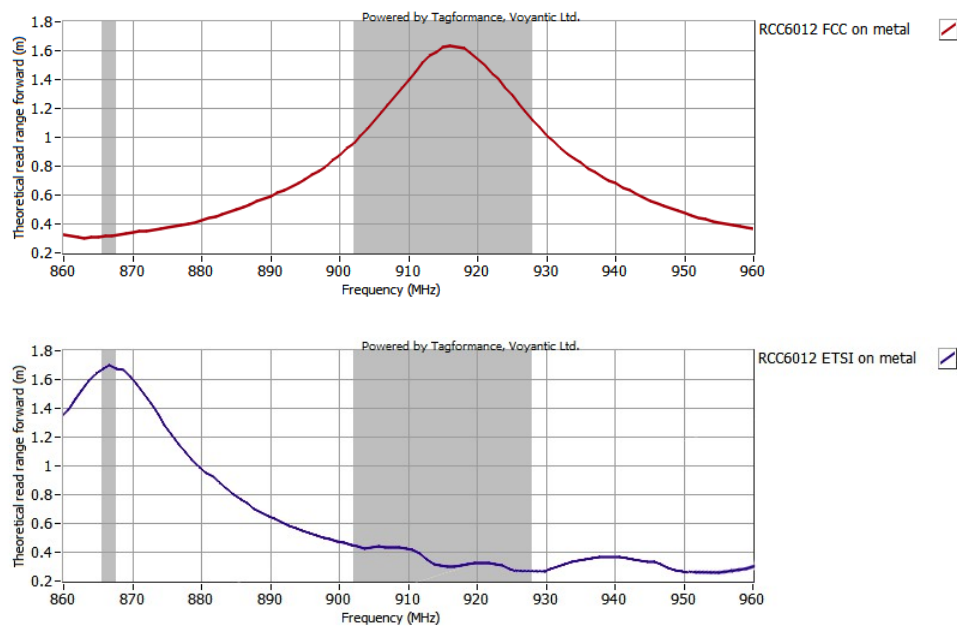
### Other Features:

Data Storage:	> 10 years
Re-write:	100,000 times
Installation:	Epoxy, Embedded
Customization:	Printing LOGO, Encoding, Designing, etc.
Package:	Packed with plastic tray, 50 pcs/ tray
Application:	<ul style="list-style-type: none"> <li>• Weapon Control</li> <li>• Bearing Tracking</li> <li>• Auto Spare Parts</li> <li>• Scalpel Tracking Management</li> <li>• Small Metallic Tools Tracking, etc</li> </ul>

## Dimensions:



## Read Range FCC on Metal:



## Application:

