

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: | 4x4x3mm |
| Weight: | 0.3g |
| 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 |
| EPC Memory: | 96 bits |
| User Memory: | 512bits |
| Read Range(2W ERP FCC): | 1.6m |
| Read Range(2W ERP ETSI): | 1.7m |

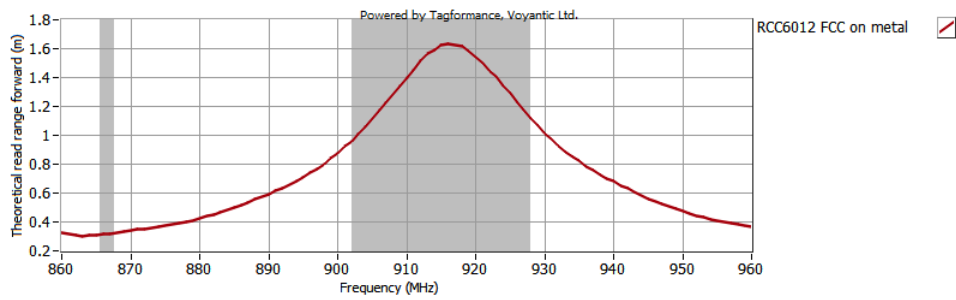
Other Features:

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

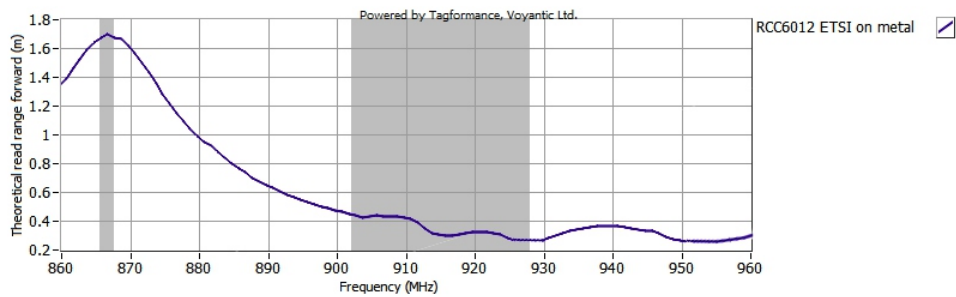
Dimensions:



Read Range FCC on Metal:



Read Range ETSI on Metal:



Application:

