

**SCIVAS LIMITED**

YOUR VISION, OUR FREQUENCY

RFID Tags &amp; Smart Cards, Precision-Engineered for Global Markets.

WEBSITE: [www.scivas.com](http://www.scivas.com)

TEL: +86-20-87097510



## 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 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:        | HTR0505-1               |
| Material:     | Ceramic                 |
| Color:        | Blac                    |
| Dimensions:   | 5 x 5 x 3 mm(L x W x T) |
| Weight:       | 0.4 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):  | 3.3 m                                         |
| Read Range(2W ERP ETSI): | 3.0 m                                         |

### Other Features:

|                |                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| Data Storage:  | > 10 years                                                                                                               |
| Re-write:      | 100,000 times                                                                                                            |
| Installation:  | Epoxy, Embedded                                                                                                          |
| Customization: | Encoding, Design, etc                                                                                                    |
| Package:       | Packed with plastic tray, 100 pcs/ tray                                                                                  |
| Application:   | Weapon Control Scalpel Tracking Management<br>Bearing Tracking   Auto Spare Parts<br>Small Metallic Tools Tracking, etc. |



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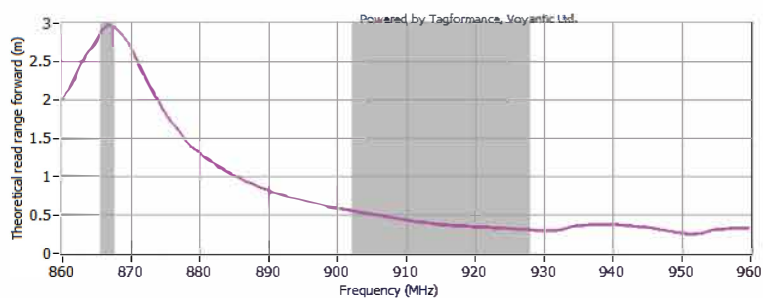
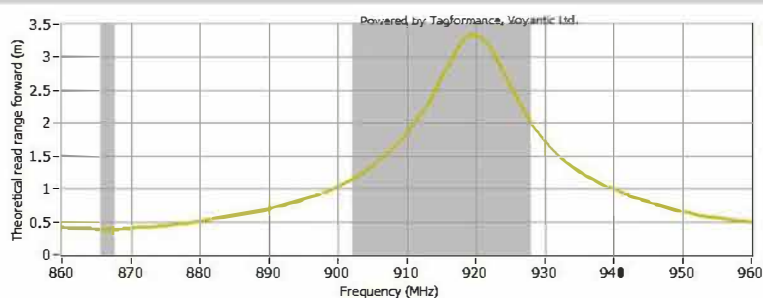
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## Dimensions:



## Read Range:



## Application:

