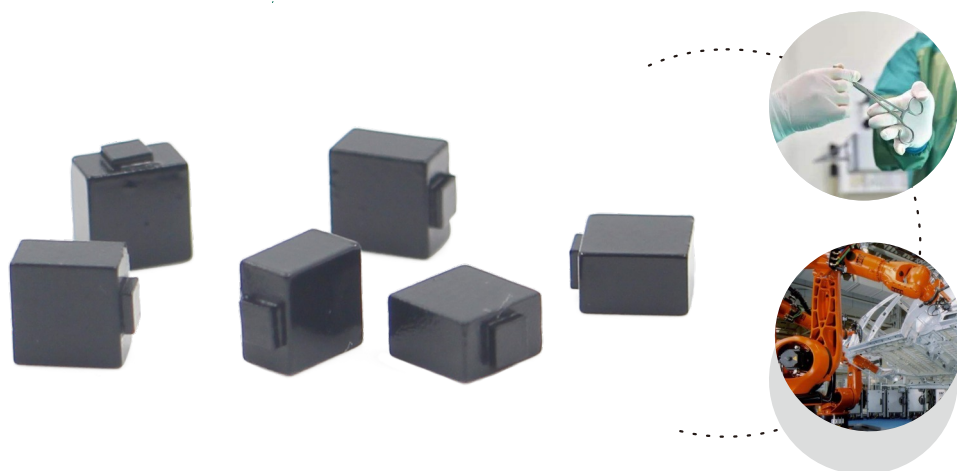




The UHF Ceramic RFID Tag is designed for high-performance tracking in demanding environments. Its compact size and durable ceramic housing make it ideal for asset tracking on metal surfaces and in industrial settings where traditional RFID tags may fail.

### Physical Features:

|               |                         |
|---------------|-------------------------|
| Item code     | OR-CC-55                |
| Material:     | Ceramic                 |
| Color:        | BLACK                   |
| 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      |

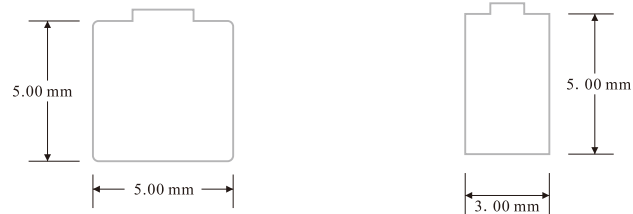
### RFID Features:

|                          |                                               |
|--------------------------|-----------------------------------------------|
| 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                                         |

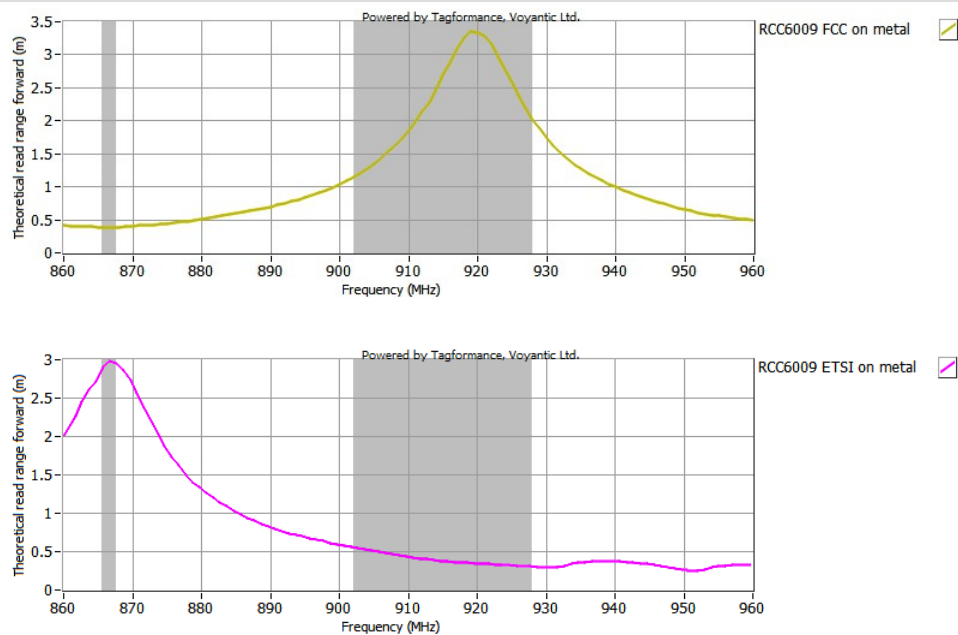
### Other Features:

|                |                                                                                                                          |
|----------------|--------------------------------------------------------------------------------------------------------------------------|
| 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. |

## Dimensions:



## Read Range:



## Application:

