






# 1010 Anti-metal electronic tag




A classic in small size and low cost metal resistant tags

This product is widely used in indoor asset management, inspection management, and tool management. It is small in size, easy to install, and has stable and reliable product performance.







**Main advantages:**

-  Can work stably when installed on metal surfaces;
-  100% label consistency imported from Europe
- Test system detection;
-  100% passed memory writing test;
-  Materials and designs have been tested for reliability;
-  Extensive experience with well-known domestic and international customers
- certification and use;

**main feature:**

-  The product surface can be painted;
-  The product installation method is flexible and convenient;
-  After surface spraying treatment, it can be used outdoors;

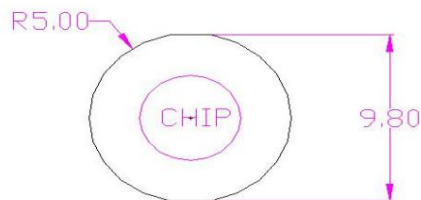
**Applications:**

-  Tool management;
-  IT facility chassis management;
-  Metal container management;
-  Indoor and outdoor office equipment with metal enclosures
- equipment and facilities management;
-  Personnel inspection management;
-  Fixed asset management.



**Product Features:**

|   |   |
|---|---|
| Air protocol EPC Class1                                 | Gen2; ISO18000-6C operating frequency 902-928MHz  |
| Chip type NXP UCODE 8                                   |   |
| Chip storage NXP UCODE 8 chip: EPC 128bits              |   |
| Read and write performance                              | can be read and written (customers can repeatedly write content into the chip)  |
| Data retention for 50 years                             |   |
| Warranty  | 1 year  |
| main material   | FR4   |
| Surface color black                                     |   |
| Product size diameter                                   | 10mm*2mm/10mm*3mm   |
| Working temperature                                     | -25 degrees ~ +85 degrees   |
| Storage temperature                                     | -30 degrees ~ +110 degrees  |
| Storage humidity  | 5% ~ 95%  |
| Installation method                                     | 3M300LSE double-sided adhesive (standard configuration)   |
| Product weight  | 0.36/0.5 g/piece  |
| Package   | Carton  |
| Drop test 1 meter high                                  | 200 times passed the drop test  |
| Alcohol test 95% concentration alcohol test             | passed  |
| Gasoline test No. 92 gasoline wipe                      | passed  |
| High and low temperature alternating test               | -40 degrees ~ +150 degrees 7 alternating high and low temperature cycles, a total of 2 consecutive days passed the test   |
| RoHS  | Passed, the material passed SGS certification   |
| IP rating IP63 (can be upgraded to IP65 after painting) |   |
| Fixed reading and writing device (on metal)             | 1.5m or more (4W EIRP, using Alien9900 fixed reader, if other Reader/writer, reading distance may vary)   |
| Handheld reading and writing device (on metal)          | About 60cm/90cm (using a 30dbi power handheld reader in an outdoor open field<br>The reading distance when the device is closed, if other handheld devices are used, the reading distance may be different) |
| Polarization mode                                       | Linear polarization   |
| RF performance one                                      | 100% tested and passed (using European and Finnish Voyantic Tagformance tester  |
| Consistency testing                                     | test)   |
| Optional surface painting                               | treatment, pre-written  |



说明:  
1、单位: mm  
2、厚度: 3mm