

## UHF Metal Tag PCB Material Model 0904

A classic small size UHF Tag used on metal surfaces



It does a stable and reliable UHF on metal tag, which is widely used in tooling management, indoor asset management.

### ADVANTAGES:

- Be of good RF performance.
- 100% memory writing tested.
- Both material and design have been tested for reliability.
- 100% function tested by Voyantec Tagformace.

### MAIN FEATURES:

- Can customize size for customers.
- Surface of tag can be paint spraying and used outdoor.
- Flexible and convenient installation.

### APPLICATIONS:

- Storage management.
- IT equipment management.
- Metal containers management.
- Metal equipment management.
- Personnel patrol management.
- Fixed asset management.



### CHARACTERISTICS :

Compliance	EPC Class1 Gen2; ISO18000-6C
Frequency	902-928MHz (Can customize frequency)
Chip	NXP UCODE8 (Can customize tag with different UHF chips)
Memory	EPC 128bits User 496bits
Read/write	Yes (EPC and User)
Data Storage	50 years
Warranty	One year
Material	FR4
Dimension	9.4mm L x4.3mm W x1.6mm H
Storage Temperature	-30 °C ~ +180 °C
Operating Temperature	-25 °C ~ +85 °C
Storage humidity	5%~95%
Delivery format	Single
Installation Method	3M300LSE tape (standard)
Weight	~ 1g
Package	Bubble bag and carton
Color	Black
Power Supply	Passive
Drop Test	1 meters high, 200 drop test passed
Alcohol test	95% alcohol test passed
Gasoline test	Passed
High & low temperature shock test	-40°C ~ +150°C, 7 cycles, total 48 hours
Temperature cycle test	-40°C ~+120°C, 7 times cycle time testing, 48 hours total
RoHS	Compatible
Read distance on metal surface	Up to 0.5 meters (EIRP=4W) Up to 10 CM (With ATID AT880 handheld reader)
RF performance	100% tested by Voyantec Tagformace
consistency test Options	Pre-encoding, surface pattern processing, surface painting, surface printing.