

Datasheet for ON METAL TAG 852011

INTRODUCTION:

A cost effective UHF Tag used on metal surfaces

It can work stably and reliably on metal surface and off metal surface, which is widely used in indoor and outdoor asset management.

ADVANTAGES:

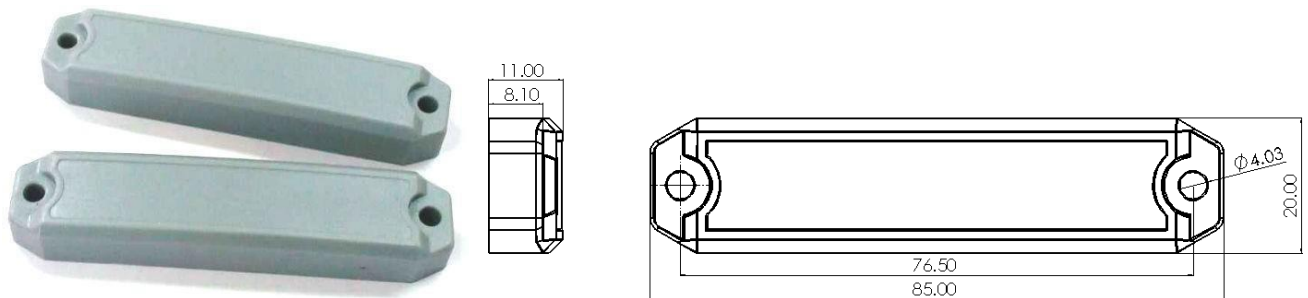
- **Work stably on metal surface and off metal surface**
- **100% memory writing tested.**
- **Both material and design have been tested for reliability.**
- **100% function tested by Voyantic Tagformance.**

MAINFEATURES:

- **Can customize size for customers.**
- **Logo can be printed on the surface of tag.**
- **Can be lasered with barcode Resistant to acid-base, waterproof**
- **Convenient for installation.**

APPLICATIONS:

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



SPECIFICATIONS :

Compliance	EPC Class1 Gen2; ISO18000-6C
Frequency	902-928MHz,865~868MHz (Can customize frequency)
Chip	ImpinjM4QT(Or Impinj R6 chip)
Memory	EPC128bits User512bits
Read/write	Yes (EPC and User)
Data Storage	50 years
Warranty	One year
Material	FR4
Dimension	85mm L x 20mm W x 11mm H (3.346in x 0.787 in x 0.443in)
Storage Temperature	-25℃~ +70℃
Operating Temperature	-25℃~ +70℃
Storage humidity	5%~95%
Delivery format	Single
Installation Method	Screw, rivet, glue, or 3M300LSE tape
Weight	~ 10g
Package	Bubble bag and carton
Color	Grey
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℃~ +70℃,7cycles, total 48hours
Temperature cycle test	-40℃~+70℃, 7 times cycle time testing, 48 hours total
RoHS	Compatible
Read distance on metal surface	Up to 6 meters (EIRP=4W) Up to 4 meters (With ATID AT880 handheld reader)
RF performance Consistency test	100% tested by Voyantic Tagformace
Options	pre-encoding, Barcode laser, logo