



852011 ON METAL TAG

A classic UHF Tag for On-metal application

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

CHARACTERISTICS:

Compliance	EPC Class1 Gen2, ISO18000-6C
Frequency	902-928MHz or 865-868MHz
Chip	Impinj M781
Memory	EPC 128-bit, User 512-bit
Read/Write	Yes
Data Storage	50 years
Warranty	1 year
Material	ABS/ ASA
Dimension	85×20×11mm (3.346×0.787×0.433 in)
Hole size	Dia. 4.03mm, distance between center of holes: 76.5mm
Operation Temperature	-25℃ ~ +70℃ (-77°F ~ +158°F)
Storage Temperature	-40℃ ~ +70℃ (-104°F ~ +158°F)
Storage Humidity	5% ~ 95%
Installation Method	Screw, rivet, glue, or 3M300LSE tape (option)
Weight	10 g
Packing	Carton
Color	Light blue (Can customize color)
Drop Test	Pass 200 drop tests from a height of 1 meter
Alcohol Test	Pass the test of wiping with 95% alcohol
Gasoline Test	Pass the test of wiping with #92 gasoline
Temperature Shock Test	Pass, -40℃ ~ +70℃ (-104°F ~ +158°F), 7 cycles 48 hours in total
RoHS	Compatible, certificated by SGS
IP Level	IP67
Read Range on metal surface	Up to 6m (4W EIRP, Alien 9900 Reader)
Polarisation mode	Linear polarization
RF Performance Consistency	100% tested with Voyantic Tagformance or Tagsurance

ADVANTAGES:

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

MAIN FEATURES:

Logo can be printed on the surface of tag.
Can be laser with barcode.
Resistance to acid-base.
Waterproof.
Convenient for installation.

APPLICATIONS:

High Temperature equipment Management.
IT equipment management.
Metal containers management.
Metal equipment management.
Personnel patrol management.
Fixed asset management.