SPOTAG

3012 PRINTABLE ON METAL TAG

A classic printable UHF Tag used on metal surfaces

Type: 10-PET3012

This product is widely used in indoor asset and facility management projects. It is easy to install and has stable and reliable performance.

CHARACTERISTICS:

Compliance	EPC Class1 Gen2, ISO18000-6C
Frequency	902MHz- 928MHz or 865MHz-868MHz
Chip	Impinj M730
Memory	EPC 128-bit, User 0-bit
Read/Write	Yes
Data Storage	20 years
Warranty	1 year
Surface Material	AV PET
Color	Light White
Dimension	30 x 12 x 1.23mm (1.18 x 0.47 x 0.04 in)
Operating Temperature	-40℃~+75℃ (-104℉~+167℉)
Storage Humidity	5%~ 95%
Installation Method	3M tape
Package	Antistatic bag, 800pcs per small carton, 6400pcs per big carton
Power supply	Passive
Alcohol Test	Printed with all resin carbon tape, and 95% alcohol test passed
Temperature Cycle test	-40℃+75℃ 7 times cycle time testing, 48 hours total, passed
Dual 85 test	+75℃ temperature and 85% Humidity 148 hours, passed
RoHS and SVHC	Compatible
IP Level	IP68
Read Range (Handheld Reader)	On metal: 0-1.3 meters (Handheld reader with Impinj R2000 RF module+30 dBm power + 4dBi antenna)
Attachment on Curved surface	Tag can be attached on a curved surface with diameter of 50mm
Storage Condition	1year in +20℃ 50% RH

ADVANTAGES:

Excellent RF Performance:
The Read range is better than those of printable on metal tags with similar sizes in the market.

Excellent Performance Consistency:
Products are 100% tested by Voyantic Tagsurance.

Durable and Reliable material:
It is made of good weather resistance, stable and durable material from Avery Dennison and 3M.

Impinj M700 chip is adopted:
Impinj M700 chip is adopted, which has outstanding sensitivity advantages and excellent multi tag reading performance. The chip is reliable and stable.

Be of Self Tuning Function:
The chip and the tag have frequency self -tuning function. The tag can automatically optimize its frequency according to the installation environment of tag.

Good Compatibility with printers:
It can be printed with RFID printers from Zebra, SATO, Toshiba, and Postek.

Strong Surface Printing Adhesion:
After printing with full resin carbon tape, the printed content can pass the alcohol wipe test and water wipe test.

Better package is more suitable for product split sales and application:
Being packed in one small carton, which is more suitable for split one box of products for re-sell or use.

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