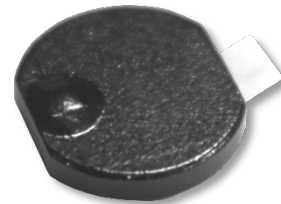


CERAtag untraceable

ISO-18000-6C
EPC Class1 Gen2 V2.0



APPLICATIONS

CERAtag untraceable has been developed for the military sector.

Its solidity, compatibility with metal and its untraceable function make it a heavyweight ally in protecting military forces.

ORDER CODE

CERAtag untraceable 13036

CERAtag untraceable is part of our range of compact ceramic tags. With a consistent size, they operate more efficiently and are readable at greater distances than conventional tags.

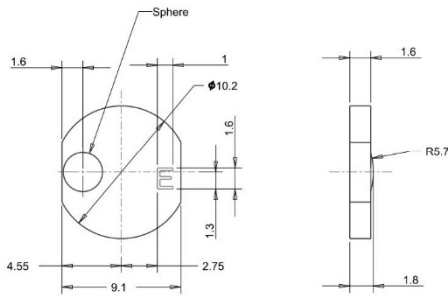
This model is equipped with an *untraceable* function. Once activated, this function prevents the tags from being read remotely and protects your agents from potential being unintentionally detected. This feature can be easily deactivated using a tag reader in direct contact with the reader.

The CERAtag untraceable is a passive 3Kbit RFID tag which is compliant with the ISO-18000-6C standard as well as the EPC Class1 Gen2 V2.0 standard. It is capable of withstanding extreme temperatures (-55°C/+150°C) and it has a memory with a service life which can exceed 20 years at 85°C. Its compact dimensions (10 x 1.6mm) mean that it can be installed on narrow metallic surfaces.

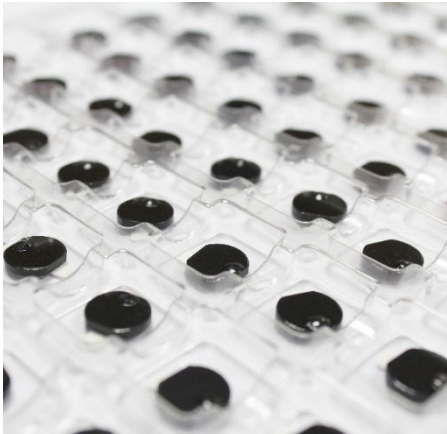
Communication with the chip, including access to the user memory, works with any standard compatible Gen2 reader.



SPECIFICATIONS



Reference: 13036



Untraceable function

As its name indicates, the CERAtag untraceable is equipped with a special chip.

Specially integrated on this model, it offers the option of making the tag undetectable if the chip is read remotely.

This function is **reversible** and can be deactivated and reactivated as required.

CHARACTERISTICS

Print	CERAtag untraceable [13036]: D10 x 1.6mm
Reading distance	CERAtag untraceable [13036]: Up to 1.8m in EU frequency
Standards	ISO-18000-6C EPC Class1 Gen2 V2.0
Hertzian interface	Fully passive design, EPCglobal Class 1 Gen. 2 Compliant with ISO 18000-6C. 850 to 940 Mhz
Memory	User: 3kbits
Bit rate on reception	Min 26 kbit/s - Max 128 kbit/s
Bit rate on transmission (PSK)	40 kbit/s min. to 640 kbit/s max.
Memory duration	Data retention for a minimum of 20 years
Weight	CERAtag untraceable [13036]: 0.7+/-0.2g
Survival temperature	-55° C / -67° F to + 150° C / 302° F, RTCA DO-160 section 4 - category D2
Operating temperature	-40° C / -40° F to + 85° C / 185° F, RTCA DO-160 section 4 - category D2
Flammability	Vertical combustion: 14 CFR, section 25.853 paragraph a) and appendix F, part 1 point a) 1)ii)
Adhesive	Nitto 5000ns

The CERAtag range

The CERAtag range is one of the latest innovations from the MAINtag brand. It consists solely of compact ceramic tags and is aimed at markets with high requirements which are looking for technological solutions to track maintenance and the secure traceability of their equipment.

The use of ceramic as a material allows the tag to function more effectively and permits a more extensive reading distance than a classic tag of the same size.



CERAtag D10
13041



CERAtag untraceable
13036



CERAtag stick
13046



MAINtag – TXCOM group

NOVEOS business park - 10 Avenue Descartes – 92350 Le Plessis Robinson – France

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