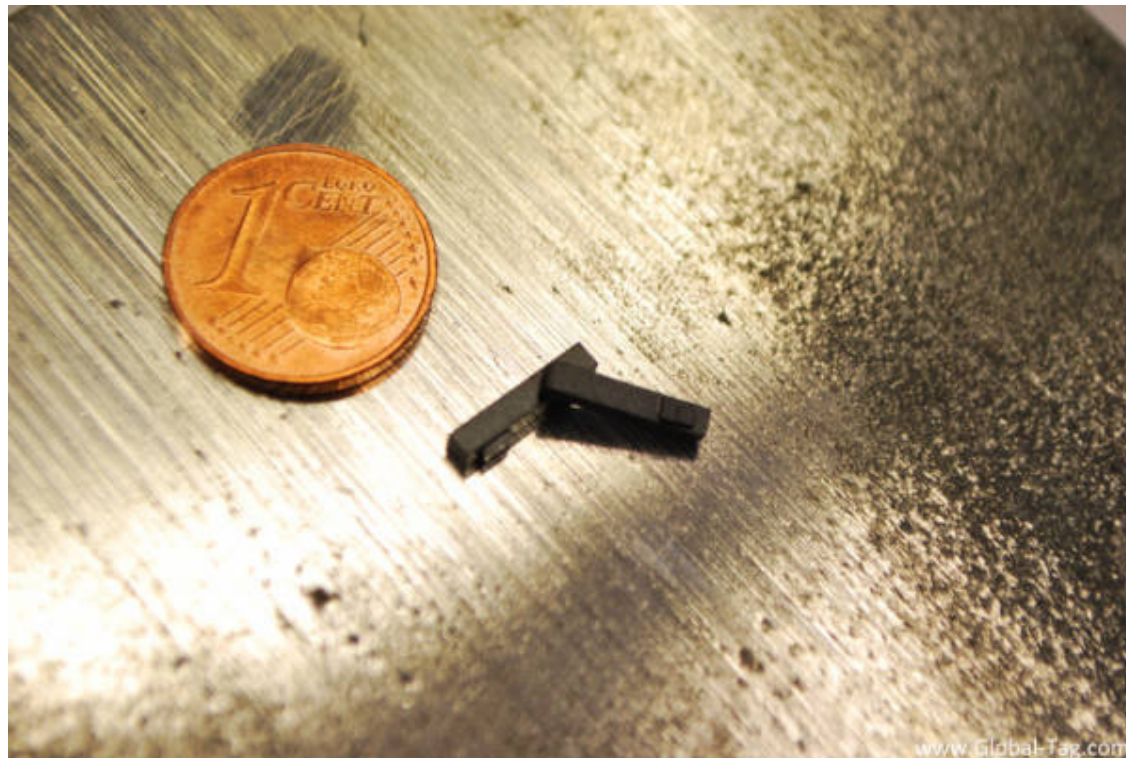


IN-METAL TINY ULTRA SLIM



Global Tag **IN-METAL TINY-ULTRA SLIM** is a compact and high-performance UHF RFID tag specifically designed for in-metal and on-metal applications. Suitable for both indoor and outdoor environments, it is ideal for projects where the RFID transponder needs to be integrated directly into metal objects or installed in very limited spaces.

Thanks to its ultra-slim design, with a thickness of less than 2 mm, the tag can be mounted inside extremely small recesses while maintaining reliable RFID performance.

This makes IN-METAL TINY-ULTRA SLIM particularly suitable for the identification and tracking of small metal assets, tools, components and other objects where standard RFID tags cannot be easily installed.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 1,8x1,8x10mm / 0,07x0,7x0,38 in

Weight: 0,20g



Mounting System: for in-metal solution need to make hole 14x8mm with 4mm depth.

Material: Ceramic

Color: Black- Available optionally any other colors (with MOQ request)

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -40°C to +250°C / -40°F to +482°F

Operating Temperature: -25°C to +150°C / -13°F to +302°F

Weather Ability: Very Good, including UV resistance and sea water

Delivery format: Individual

Expected lifetime: Years in normal operating conditions

Chemical resistance:

No physical or performance changes in (tested up to, more hours can be):

- 200 hours Motor oil immersion
- 200 hours Salt water (salinity 10%) exposure
- 24 hours NH3 Ammoniac (5% to 25%)

Values in the table are the best recommendations; resistance against environmental conditions depends on the combinations of all influencing factors, exposure duration and chemical concentrations. Thus, product's final suitability for certain environmental conditions is recommended to be tested. We are available for other information.

INSTALLATION MODE:

For in-metal solution need to make hole 14x8mm with 4mm depth. Generally hole is filled with epoxy resin to protect and to block tag.

ORDER INFORMATION:

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT-TNY_ULS-AH3

For printing options or for produce transponder with different color or with other type of customization... contact us for more information:

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DISCLAIMER:

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