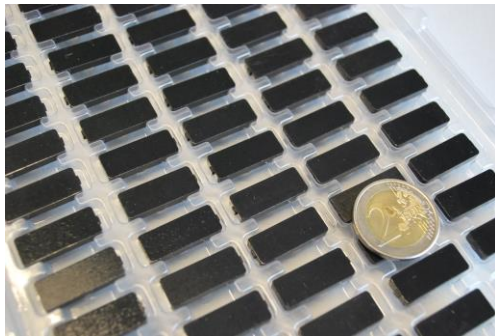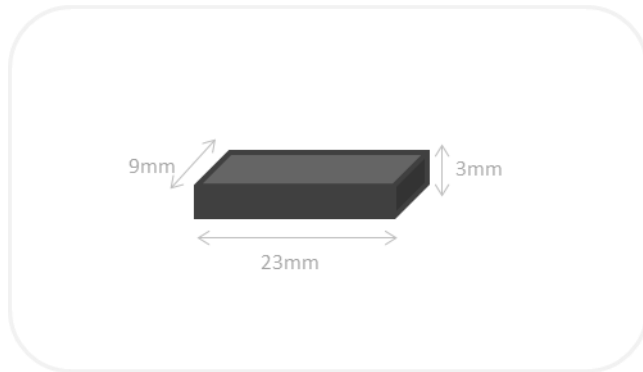# PRODUCT DATASHEET
GLOBAL TAG **IN-METAL TINY-XL**

Global Tag **IN-METAL TINY-XL** is in-metal or on-metal UHF tag with high performance.
Born for indoor and outdoor using where need to integrate transponder into metal object.

UHF

NEW PRODUCT

CE

RoHS Compliant

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 23x9x3mm   /   0,90x0,354x0,118 in

9mm

3mm

23mm

Mounting System: for in-metal solution need to make hole 28x13mm with 4mm depth.

Weight: 2,5gr.

Material: Ceramic

Color: Black color - 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 +160°C / -40°F to +320°F

Operating Temperature: -25°C to +85°C / -13°F to +185°F

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

Delivery format: Singulated

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.

CHIP SPECIFICATION AVAILABLE

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-63
IC Type Available	Alien Higgs3, other on-request
Size Antenna	20x8mm
Read Range	Up to 190cm

CUSTOMIZATION OPTIONS

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code.
3M Adhesive
Printing options

INSTALLATION MODE

For in-metal solution need to make hole 28x13mm diameter with 4mm depth. Generally hole is filled with epoxy resin to protect and to block tag.

APPLICATION NOTE

Machinery parts tracking: **IN-METAL TINY-XL** can be used to track and manage small machinery parts, also metallic components thanks to smallest size and good performance. With in-metal solution, transponder ca be hidden into component.
IT asset management: IN-METAL TINY-XL with small size can be used for IT asset management as Tablet, smartphone and other small size equipment.

ORDER INFORMATION

Standard product is made with Alien Higgs3 chip
PRODUCT CODE: GT-TNY_XL-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