

ON-METAL HARDY_5213



Global Tag **ON-METAL HARDY_5213** is an on-metal UHF tag, with high performance. Designed for indoor and outdoor environments, it is the best solution if you need to mount a transponder on a metal surface. It has 3M adhesive and also two holes for a fixing way. A serial number and/or a barcode can be laser engraved on the tag surface.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: 52x13xmm (2,05x0,51inch) / thickness: 3,5mm (0,14inch)

Mounting System: Adhesive (3M)

Weight: 5gr.

Material: PCB Material

Color: Generally black color – Available optionally any other colors

Class Protection: IP67 (Totally protected against ingress of solid / Protected against short periods of immersion in water.)

Storage Temperature: -55°C (for 3h) to +100°C (for 2h) / -67°F (for 3h) to +230°F (for 2h) (for any other particular request contact us)

Operating Temperature: -25°C to +85°C / -13°F to +185°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
- 200 hours H2SO4 Sulfuric acid (10% pH 2) exposure

- 24 hours NaOH Caustic Soda (10%, PH 13) exposure
- 24 hours HCl Muriatic Acid (10%) exposure
- 24 hours Na₂CO₃ Soda Solvay
- 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:

With 3M 55280 Adhesive model: when mounting the tag with adhesive background, clean and dry the surface for obtaining maximum bond strength. Through the 2 holes (3mm diam.)

CUSTOMIZATION OPTIONS:

Laser engraving: serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customizations on request.

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

ORDER INFORMATION:

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT-HRDY_5213-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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