

InLine Tag™ Ultra Mini

SLIM RAIN UHF TAGS MOUNT TO SURFACES OF ANY HARD ASSET



- **Small, thin-profile tags for seamless identification of indoor and outdoor assets**
- **Broadband RAIN UHF tag delivers read ranges up to 9.8 ft (3 m) whether mounted to metal, plastic or wood**
- **Ideal for space constraint applications requiring a rugged housing**

HID Global's InLine Tag™ Ultra passive contactless transponders are the most advanced general-purpose UHF tags available in the market. This robust tag family is successfully used for tracking thousands of different assets independent of material or world region.

InLine Tag™ Ultra Mini is the newest addition to this product family, optimized for space constraint applications, while inheriting all the main advantages from its bigger relatives. The tags are lightweight, waterproof, impact resistant and provide an excellent size/performance ratio on any metallic or non-metallic underground, affixed with screws or rivets.

These small but robust RAIN UHF tags provide unique identities to all sort of indoor or outdoor assets and help to rapidly locate each component and uniquely identify it.

The Monza R6 chip provides 96 bit read / write EPC memory, delivering read rates 2 to 3 times faster than traditional Gen 2 tags. Further, the TagFocus™ feature improves read reliability, especially where large, dense populations of tags are present.

InLine Tag™ Ultra Mini tags are ideal for space constraint applications like roll-cages, boxes, furniture or tools and help to perform faster, more accurate inventories, logistics or maintenance tasks.

HID Global InLine Tag™ Ultra Mini may be ordered personalized with custom encoding, laser engraved logos, Bar-/QR-code or text.

For more information, visit: www.rfidcanada.com

Email: info@rfidcanada.com

+1 905-513-8919

KEY TECHNOLOGY HIGHLIGHTS:

- Robust tag for space constrained applications
- Broadband 865 to 956 MHz, on/off metal
- Monza R6 IC, 96 bit read/write EPC memory
- Read range up to 9.8 ft (3 m)
- EPC Global Class 1 Gen 2, ISO 18000-6C
- Custom laser engraving and encoding options

TYPICAL APPLICATION AREAS:

- Asset tracking & Logistics
 - Indoor and outdoor containers
 - Roll cages
 - Vehicles
 - Furniture
 - ...

SPECIFICATIONS

InLine Tag™ Ultra Mini Base Model Number

6F1987-102 (gray, no logo)



InLine Tag™ Ultra (left) and Ultra Mini (right)

Length 2.36 in (60 mm) - *InLine Tag™ Ultra standard: 97 mm*

Width 0.7 in (18 mm) - *InLine Tag™ Ultra standard: 27 mm*

Height 0.29 in (7.5 mm) - *InLine Tag™ Ultra standard: 15 mm*

Weight 0.22 oz (6.3 g)

Affixes to Any material, including metal

Mounting Method Screw / rivet (Ø 0.17 in / 4.5 mm)

Color Grey

Housing Material PC/ABS

Chip Type Monza R6

Memory 96 bit EPC, 48 bit TID

Operating Frequency 865 -956 MHz (Worldwide)

Standards UHF EPC Class 1 Gen 2, ISO 18000-6C

Reading Distance up to 9.8 ft / 3 m (2W reader ERP, free space)

Chemical / Mechanical Resistance to

68° F / 20° C (2 m, 24 h), 176° F (80° C), 100 bar, 30 sec. 16 l/min

Withstands Exposure to Mineral oil, petroleum, salt mist, vegetable oil (20°C, 100h)
up to 80% humidity at 158° F (70° C)

Axial / Radial Force 1000 N, 10 sec, 5 times

Vibration IEC 68.2.6 (10g, 10...2000Hz, 3 axis, 2.5h)

Shock IEC 68.2.29 (40g, 18ms, 6 axis, 2000 times)

Impact IEC 62262-IK07

Electrostatic Discharge ± 15kV, 2 times

Operating Temperature -40° to +176° F (-40° to +80° C)

Shock/Fatigue -40° to +185° F (-40° to +85° C), 100 x 5 min with 30 sec transition

Options Laser engraving, encoding

Box Size 500 pcs per box; 2000 pcs per carton

Warranty 2 Years



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