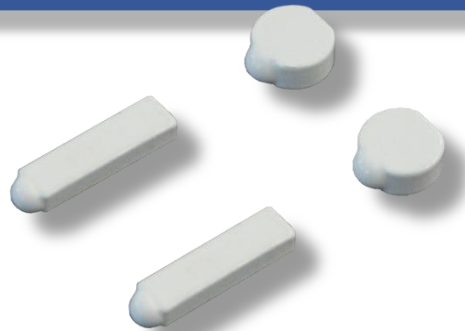


These metal tags are the world's smallest passive UHF EPC Class 1 Gen 2 tags. They are ideal for tracking of tools and medical devices. The tag series is designed to comply with the most stringent FDA requirements for medical devices and the tags will withstand repeated autoclave sterilization cycles.

This tag size is only 12.3 × 3.2 × 2.3 mm with a read distance of up to 1.5 m. The extremely low profile and ability to be mounted directly into metal parts or embedded in metal allows small tools and medical instruments to be RFID-enabled at the point of manufacture.

## Applications:

- Tool Identification
- Industrial
- Automotive
- Medical



## Technical Data

### Mechanical Specifications

Dimensions:	12.3 × 3.2 × 2.3 mm ø 6 × 2.5 mm
Material:	Ceramic
Weight:	0.5 g
Protection Class:	IP68

### Electrical Specifications

Frequency:	864-868 MHz (EU) 902-928 MHz (US)
Reading Distance:	Up to 1.5 m
Chip Type:	NXP UCODE G2XM, EPC Class1 Gen2 (ISO18000-6C) 512 bit user memory, 96 bit EPC number

### Environmental Conditions

Temperature Range:	-30 °C to +85 °C
Temp. Range short-term:	-40 °C to +250 °C