



## TACKTAG

### Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2, ISO 18000-6C
- **Frequency** 902-928 MHz (US); 865-868 MHz (EU)
- **IC type (chip)**<sup>1</sup> Alien Higgs 9
- **Chip memory** 96 bits EPC; 48 bits TID; 688 bits user memory
- **Read range** handheld<sup>2</sup> Up to 7 ft (2.13 m)
- **Polarization** Linear



### Applications

- Industrial equipment
- Tools & machinery

### Environmental Specifications

#### Temperatures



- Operational -40°C to +150°C
- Survival -40°C to +150°C

- **IP rating** IP68
- **Shock** 3 ft (1 m) to concrete/granite
- **Vibration** MIL-STD-810G
- **Warranty** 1 year

<sup>1</sup> The chip data retention is up to 50 years, based on chip operating under general environment conditions.

<sup>2</sup> On metal.

<sup>3</sup> The chemical resistance is based on the concentration of solutions and application environment. Please contact Xerafy for further details on chemical resistance.

## Physical Specifications

- **Material** Stainless steel, ceramic
- **Dimensions (inl)** 0.96 x 0.59
- **Dimensions (mm)**<sup>1</sup> 24.38 x 14.99
- **Thickness (in)**<sup>1</sup> 0.23  
**Thickness (mm)**<sup>1</sup> 5.84
- **Weight** 0.28 oz (8.50 g)

<sup>1</sup> Tolerance: +/- 0.004; +/- 0.100

## Mounting Systems

- Welding
- Industrial adhesive

## Industry Compliance



## Order Information

TACKTAG US: X2415-US100-H9

TACKTAG EU: X2415-EU100-H9

## Customization Options

Encoding

Laser Marking

Printing

ATEX Certified Version

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