



## 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 (in)** 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

The information provided by Xerafy Singapore Pte. Ltd. is for general information purposes only. All information on the datasheet is provided in good faith. However we make no representation or warranty of any kind, express or implied, regarding the accuracy, adequacy, validity, reliability, availability, or completeness of any information on the datasheet..

Under no circumstance shall we have any liability to you for any loss or damage of any kind incurred as a result of the use of the product or reliance on any information provided on the datasheet. Your use of the product and your reliance on any information on the datasheet is solely at your own risk.