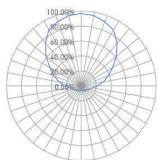
XEBUL



PICO OFF

Technical Specifications

- **RF protocol** EPC global Class 1 Gen 2
- Frequency 902-928 MHz (US);
 - 865-868 MHz (EU)
- IC type (chip)¹ Alien Higgs 9
- **Chip memory**² 96 bits EPC, 48 bits TID, 688 bits user memory
- Read range fixed³ Up to 6.56 ft (2 m) off metal
- Polarization Linear
- Radiation pattern off metal



Environmental Specifications

Temperatures

- Operational -40°C to +85°C
- Survival -40°C to +150°C (168 hours)
- Peak 200°C

Key Features

- + 2m read range off metal: for nonmetal surface
- + Small size: designed to fit non-metal tool and devices
- + **Rugged:** withstand chemicals, hitemp, and waterproof
- + Fast tagging: epoxy, heat-shrink tube, adhesive
- Unique ID: User memory for itemlevel tracking

Applications

- Hand tools tracking
- Scanners and readers
- Electronic devices
- IT asset management
- IP rating IP68
- **Compression strength** 170 psi (1,176 kPa)

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

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

² EPC can be re-programmed, password protected, or permanently locked. TID is locked and unique at the point of manufacturing.
³ Off metal. Performance based on standard testing methodologies. Performance may vary depending on environmental factors and reader output power.

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Physical Specifications

- Material Ceramic
- Dimensions (in)¹ 0.50 × 0.28 × 0.12
- Dimensions (mm)¹ 12.80 × 7.08 × 3.08
- Weight 0.05 oz (1.40 g)

Mounting Systems

Industrial adhesive

Installation Instructions

To obtain the maximum adhesion, the following steps should be taken:

1. Clean surface using Isopropyl alcohol, or equivalent solvent to ensure the surface is free of dirt, dust, oil, and other debris that may affect adhesion.

2. Peel adhesive liner from the back of the tag, ensuring the adhesive is not contacted.

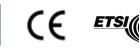
3. Place tag in desired location and firmly apply even pressure for up to 30 seconds.

4.To ensure proper curing of adhesive, allow ample cure time of up to 12 hours before handling.

¹Tolerance: +/- 0.004; +/- 0.100

Industry Compliance











Order Information

PICO Off US: X3310-US001-H9

PICO Off EU: X3310-EU001-H9

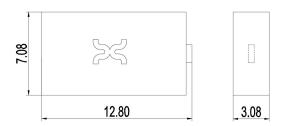
Customization Options

Encoding

Printing

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