## Fit Range – Small for Integration, High Temperature

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**Typical Applications**: Hand Tool tracking, Paint processes in automotive IT assets at point of manufacture, Healthcare sterilization.

**Frequency Range (MHz)**: 902–928 (US); 866–868 (EU).

**Fixed reader Read Range (m)**: Up to 2.0.

**Handheld reader Read Range (m)**: Up to 1.0.

**Material Compatibility**: Optimized for Metal.

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**IC Type**: Alien Higgs 3.

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**Finish**: Red PCB.

**Finish**: Ceramic - Painted Black.

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**Size (mm)**: 57.1 x 5.95 x 1.3.

**Size (mm)**: 7.80 x 6.80 x 2.70 (includes IC bump).

**Size (mm)**: 13.10 x 7.80 x 3.10 (includes IC bump).

**Weight (g)**: 1.00.

**Weight (g)**: 0.60.

**Weight (g)**: 1.50.

**Operation Temperature (°C)**: -20 to +85.

**Operation Temperature (°C)**: -20 to +85.

**Operation Temperature (°C)**: -20 to +85.

**Max Temperature Exposure (°C)**: +235.

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**Max Temperature Exposure (°C)**: +235.

**Ingress Protection**: IP68.

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**Shock and Vibration**: MIL STD 810-G.

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**Attachment**: Film adhesive (standard) [For placement only in applications exceeding +85°C].

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**Order Codes**:

- 123 - EU, US
- 155 - EU, US
- 124 - EU, US

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1 Excludes adhesive options, consult adhesive datasheets for recommended temperature ratings. Maximum constant exposure for Fit 220 & 400 = 700 hours and 12 hours for Fit 210.

† Order option codes are listed on the datasheets.