# Conni-ID<sup>®</sup>

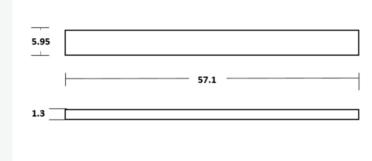


# [ **Products** ] you can **id**entify with



Physical Specifications		
Material	Red	
Size	57.1 x 5.95 x 1.3 mm, 2.25 x 0.23 x 0.05 in	
Weight (g)	1.0	
Attachment	Film Adhesive (included ) for placement only in applications exceeding +85c	

#### Dimensions



Measurements shown in mm

### Fit 210

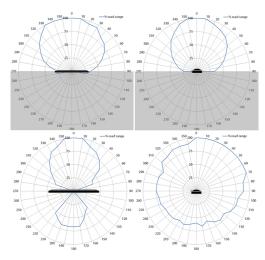
The Fit 210 is a High Temperature RFID tag capable of surviving cycling applications with temperatures to 225°C. Its narrow, low profile, small form-factor make the Fit 210 an ideal tag for inte- gration within finishing processes, such as dipping, coating, heat shrinking and moulding in the harshest of environments.



#### **RF** Specifications **Radio Protocol** EPC Class 1 Gen2v2 **Frequency Range** 866 - 868 MHz (EU) 902 - 928 MHz (US) **Read Range – Fixed Reader** Up to 2m (6.6 feet) **Read Range - Handheld Reader** Up to 1m (3.3ft) **On Metal or Balanced** Optimized for metal **Material Compatibility** Metal IC Type (Chip) Alien Higgs 3 Memory EPC - 96 bits User - 512 bits Unique TID - 64 bits

EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

#### **Radiation Patterns**



# C)mni-ID part of **HID**



## [ Products ] you can identify with



With its low profile and durable design, Omni-ID's Fit 210 tags are ideally suited to tool tracking and embedding applications such as:

- Hand tools, including wrenches Paint processes in automotive and ratchet tools
- point of manufacture
- Integration within IT assets at Healthcare high temperature sterilization

#### Certifications

CE, RoHS, Ex, ATEX/IECEx certified (option), US&Canada (C1D1/D2) certified (option)

#### **Environmental Specifications**

Operating Temperature	–20°C to +85°C
Max Temperature Exposure	-20°C to +225°C
IP Rating	IP68
Shock & Vibration Tolerance	MIL-STD-810 G

Ordering Information		
Warranty	1 year	
Product Options	:303 (Customization) :304 (ATEX/IECEx certified) :307 (US&Canada [C1D1/D2] certified) :701 (Standard Service Bureau) Label is not rated for high temperatures.	
Part Number / Order Codes / Order Numbers	123 (EU, US)	

For product or technology inquiries email: sales@omni-id.com. Visit omni-id.com to learn more about the complete line of Omni-ID RFID products