

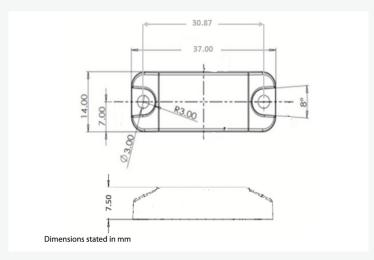


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Physical Specifications		
Material	Thermoplastic cover	
Size	37 x 14 x 7.5 mm 1.46 x 0.55 x 0.30 in	
Weight (g)	5.7	
Attachment	Mechanical (std) 2 x 3mm holes	

Dimensions



Measurements shown in mm

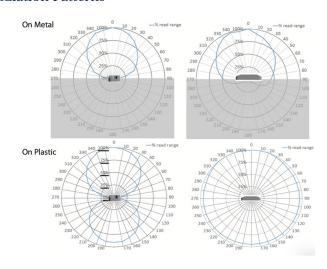
Exo 400

Omni-ID Exo 400 is a small form factor, High Temperature RFID tag optimized for metal substrates. With a combined ability to survive high temperatures to 235°C and a rugged encapsulation, this tag is ready for deployment in a variety of applications without sacrificing read range performance.

RF Specification		
Radio Protocol	EPC Class 1 Gen2v2	
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)	
Read Range - Fixed Reader	Up to 4m (13.1 feet)	
Read Range - Handheld Reader	Up to 2m (6.5 feet)	
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







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Omni-ID's Exo 400 High Temperature tag is an ideal solution for applications where surviving excessive heat in a rugged environment is needed such as:

- Healthcare sterilization processes
- Automotive post-paint processes
- Manufacturing

Environmental Specifications

Operating Temperature	-20°C to +85°C
Max Temperature Exposure	-20°C to +235°C
IP Rating	IP68
Shock & Vibration Tolerance	MIL-STD-810 G

Certifications

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





Ordering Information Warranty 1 year **Product Options** :303 (Customization)

:304 (ATEX/IECEx certified) :307 (US&Canada (C1D1/D2)

:701 (Standard Service Bureau)

Part Number / Order Codes / **Order Numbers**

144 - (EU,US)