



**AGX 0504  
UHF Metal Tag**

**Product Description**

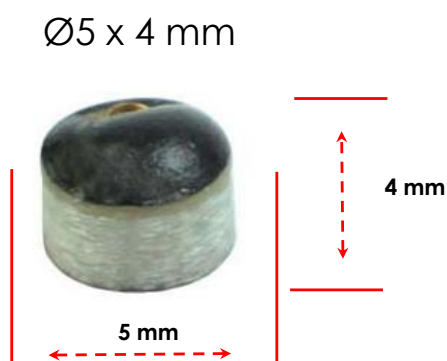
**General specifications**

The AGX 0504 is a small RFID tag for metal, characterized by small size (Ø5mm) and available in UHF frequency (IC chip Alien Higgs 3).

This smallest RFID tag for metal AGX 0504 has been designed for special RFID applications, like asset management in the industrial context, the maintenance of tools and machinery, the automatic identification of small metal objects.

It is possible to customize this small UHF tag with the encoding of the user memory and data association according to customer need.

**Dimension**



<b>Article no:</b>		<b>AGX 0504</b>
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**Typical Applications**

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| <ul style="list-style-type: none"> <li>• Bicycle / Vehicle Tracking</li> <li>• Electronic Toll Collection</li> <li>• Maintenance</li> </ul> | <ul style="list-style-type: none"> <li>• Trace &amp; Track</li> <li>• Supply Chain Management</li> </ul> | <ul style="list-style-type: none"> <li>• Factory automation</li> <li>• Automotive &amp; Security</li> </ul> |
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<b>Technical Specifications</b>	<b>AGX 0504 UHF Metal Tag</b>
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Operation mode	Passive (Battery less)
Protocol	EPC Class 1 Gen2
ISO Standard	ISO 18000-6C
Operating Frequency	865-868MHz (EU) 902-928MHz (FCC)
Memory	EPC: 96 Bit (extendable up to 480 bit) User: 512 Bit TID: 64 Bit
IC Type	Alien Higgs 3
Programming Cycle	100,000 cycles
Colours	Available in black, red, blue, green, white

<b>Environmental Specifications</b>	
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Storage Temperature	-40°C to +150°C
Operating Temperature	-40°C to +100°C
Material	FR4 (PCB)
Dimensions	Ø5 x 4 mm (incl. IC bump)
Weight	max. 0.5 g
Ingress Protection	IP68