


DATA SHEET



AGX HT001 Tag

High Temperature > 225°C

Product Description		AGX HT001 Tag
Physical Specifications		
Size (mm) (tolerance)	6.8 x 6.4 x 2.1 +/- 0.5mm	
Weight	0,8gr	
RF Specifications		
Protocol	EPC Class 1 Gen2	
Frequency Range (MHz)	866-868 (EU) , 902-928 (US)	
Read Range (Fixed reader)1	Up to 1,1m	
Read Range (Handheld reader)1	Up to 0,5m	
Material Compatibility	Optimized for Metal substrates	
IC Type (chip)	Alien H3	
Memory 2	EPC - 96bits, User - 512bits, TID - 64bits	
Environmental Specification		
Operating Temperature	-20 to +85 °C	
Long term Max Temperature 1 exposure - (days,weeks,years)	-20 to +225 °C	
IP Rating	IP68	
Shock and Vibration	MIL STD 810-F	
Impact	2kg from 1m	
Attachment	Permanent liquid adhesive (not included) Film adhesive (option)	
Certifications	RoHS approved CE approved ATEX/IECEX certified (option) US&Canada (C1D1/D2) certified (option)	
Applications		
Article no:		
Article no:	AGX HT001 Tag	
Typical Applications		
Suitable for metal environment	Offshore	Healthcare
Maintenance & Service	Oil & Gas	Surgical instruments & implants
Industrie & Logistics	Chemical Industry	

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