

Fit Range - Small for Integration

Product Name					
Typical Applications		Tool tracking including very small metal tools. Medical device tracking. Embedding into equipment at point of manufacture.	Tool tracking including wrenches and ratchets. Metal IT assets. Embedding into equipment at point of manufacture.	Tool tracking including metal hand tools. Metal IT assets. Embedding into equipment at point of manufacture.	Tool tracking including embedding into plastic handles or attachment to plastic tools. Embedding into equipment at point of manufacture.
RF Specifications	Frequency Range (MHz)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)	902-928 (US) 866-868 (EU)
	Read Range (m) - Fixed reader	Up to 2.5	Up to 3.0	Up to 4.0	Up to 3.5
	Material Compatibility	On Metal only	Optimized for Metal substrates	On Metal only	Plastic and non-metallic substrates only
	IC Type	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3
Physical and Environmental Specifications	Encasement	Durable Paint	Durable Ink	Durable Paint	Durable Paint
	Size (mm)	8.6 x 6.1 x 2.6	56.5 x 5.0 x 1.3	13.1 x 7.1 x 3.1	17.6 x 7.1 x 4.1
	Weight (g)	0.8	1.0	1.6	2.6
	Operating Temperature	-20°C to +85 °C	-40 to +85 °C	-20°C to +85 °C	-20°C to +85 °C
	Thermal Cycling Exposure	-20°C to +65°C or 0°C to +85°C	Max Temperature +150 °C	-20°C to +65°C or 0°C to +85°C	-20°C to +65°C or 0°C to +85°C
	Ingress Protection	IP68	IP68	IP68	IP68
	Shock and Vibration	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F	MIL STD 810-F
	Attachment	Permanent liquid adhesive (not included) Film adhesive (option)	Permanent liquid adhesive (not included) Film adhesive (option) Std foam adhesive (option) Premium foam adhesive (option)	Permanent liquid adhesive (not included) Film adhesive (option)	Permanent liquid adhesive (not included) Film adhesive (option)
Order Codes +	050 - EU, US	041 - EU, US	051 - EU, US	052 - EU, US	

+ Order Option Codes are listed on the datasheets