Omni-ID®

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Fit Range – Small for Integration, High Temperature

FEATURED COMPARISON GUIDE

		 ■ HIGH TEMPERATURE	 ■ HIGH TEMPERATURE	 ■ HIGH TEMPERATURE
Product Name		**Fit 220**	**Fit 210**	**Fit 400**
Typical Applications		Small metal tools It assets Healthcare instruments	Hand Tool tracking Paint processes in automotive IT assets at point of manufacture Healthcare - sterilization	Tool tracking including metal hand tools Metal IT assets Autoclaves & high temperature sterilizations
RF Specifications	Frequency Range (MHz)	902–928 (US) 866–868 (EU)	902–928 (US) 866–868 (EU)	902–928 (US) 866–868 (EU)
	Fixed reader Read Range (m) Handheld reader Read Range (m)	Up to 2.2 Up to 1.4	Up to 2.0 Up to 1.0	Up to 4.0 Up to 2.0
	Material Compatibility	Optimized for Metal	Optimized for Metal	Optimized for Metal
	IC Type	Alien Higgs 3	Alien Higgs 3	Alien Higgs 3
Physical and Environmental Specifications	Finish	Painted Black	Red	Painted Black
	Size (mm)	7.8 x 6.8 x 2.7 includes IC bump	57.1 x 5.95 x 1.3	13.1 x 7.8 x 3.1 includes IC bump
	Weight (g)	0.6	0.8	1.6
	Operation Temperature (°C)[1] Max Temperature Exposure (°C)[1]	-20 to +85°C -20 to +235°C	-20 to +85°C -20 to +225°C	-20 to +85°C -20 to +235°C
	Ingress Protection	IP68	IP68	IP68
	Shock and Vibration	MIL STD 810-G	MIL STD 810-G	MIL STD 810-G
	Attachment	Film adhesive (standard) [For placement only in applications exceeding +85°C]	Film adhesive (standard) [For placement only in applications exceeding +85°C]	Film adhesive (standard) [For placement only in applications exceeding +85°C]
	Order Codes (see datasheets for option codes)	155 - EU, US	123 - EU, US	124 - EU, US

[1] Excludes adhesive options, consult adhesive datasheets for recommended temperature ratings. Maximum constant exposure for Fit 220 & 400 = 700 hours and 12 hours for Fit 210.

Values for Comparison only, please refer to Product Datasheets for full specifications.