

Fit Range – Small for Integration, High Temperature

Featured Comparison Guide



High Temperature

High Temperature

High Temperature

Product Name		Fit 210HT	Fit 220HT	Fit 400HT
Typical Applications		Hand Tool tracking Paint processes in automotive IT assets at point of manufacture Healthcare - sterilization	Small metal tools IT assets Healthcare instruments	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)
	Read Range (m) Fixed reader Handheld reader	Up to 2.0 Up to 1.0	Up to 2.2 Up to 1.4	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	Red PCB	Ceramic - Painted Black	Ceramic -Painted Black
	Size (mm)	5.71 x 5.95 x 1.3	7.80 x 6.80 x 2.70 (includes IC bump)	13.10 x 7.80 x 3.10 (includes IC bump)
	Weight (g)	1.00	0.60	1.50
	Operating Temperature (°C) ¹ Max Temperature Exposure (°C) ¹	-20 to +85 -20 to +225	-20 to +85 -20 to +235	-20 to +85 -20 to +235
	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 [*]	123 - EU, US	155 - EU, US	124 - EU, US	

Need a Custom Tag?

Our customized and embedded RFID solutions can ensure you know more, about everything, and make critical business decisions faster.

Visit www.omni-id.com/custom-tagging to learn more about the complete line of Omni-ID RFID products.

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. ^{*} Order option codes are listed on the datasheets.

Visit www.omni-id.com to learn more about the complete line of Omni-ID RFID products.

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