OR1709 Small metal tag specifications

Introduction: Tags can be applied to micro and small equipment management such as tools, small equipment and asset management. The product is 100% tested by the European imported label consistency test system to ensure stability during use. The label is strong and impact resistant, has good weather resistance, and has a long reading distance. Labels can be personalized, such as pre-written codes, laser coding, printed LOGO, color customization.

Item	Parameter
Protocol standard	EPC Class1 Gen2; ISO18000-6C
Frequency Range	902-928MHZ ； 866-868MHZ
Chip	Alien higg3
Chip capacity	EPC 96bit　 User memory 512bit
Chip life	Erasable 100,000 times
Size	16*15*3MM　 孔径 2MM
Operating temperature	-20℃~100℃
Storage temperature	-40℃~140℃
Weight	1.3g
Material	FR4
IP rating	IP68
Reading distance	2.6m(Attached to a metal surface, the test equipment is a fixed reader, 4W EIRP)
	1.6m(Test equipment is R2000 module handheld, 30dbm power)

Polarization direction	Linear polarization

Conformance test: 100% pass Voyantic test