

UHF Metal Tag **Atom Series:**



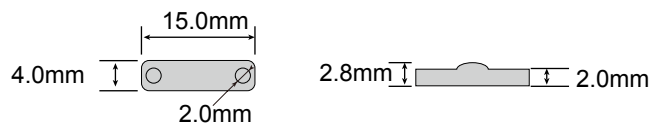
**Functional Specifications:**

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	2.1m - (US) 902-928MHz, on metal 2.2m - (EU) 865-868MHz, on metal
Read Range : (Handheld Reader)	1.3m - (US) 902-928MHz, on metal 1.5m - (EU) 865-868MHz, on metal
Warranty:	1 Year

**Physical Specification:**

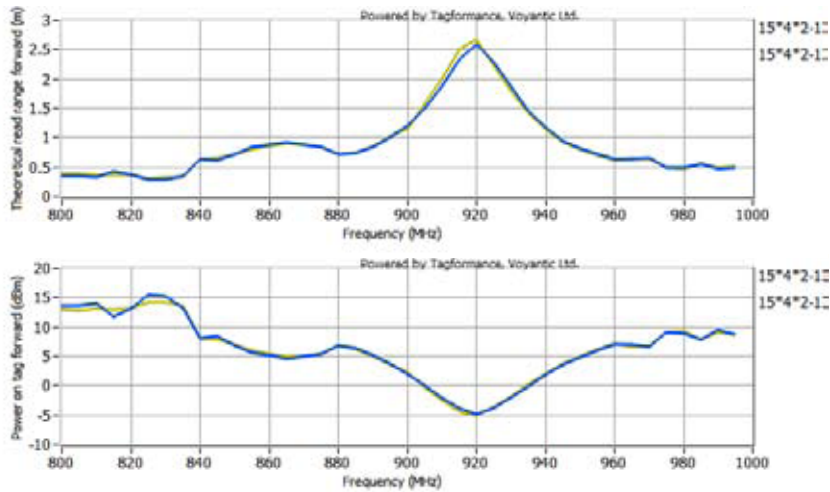
Size:	15.0x4.0mm, (Hole: D2mmx2)
Thickness:	2.0mm without IC bump, 2.8mm with IC bump
Material:	FR4 (PCB)
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive, Screw
Weight:	0.7g

**Dimensions:**

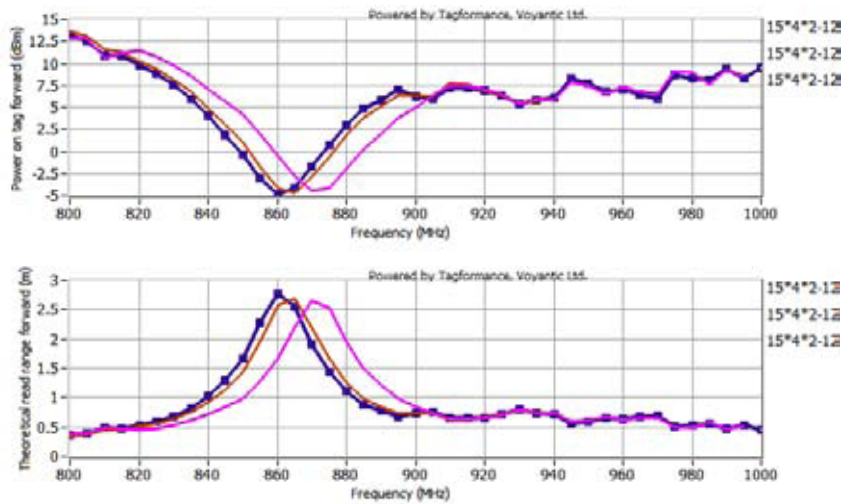


Focus on UHF Special Tag

**PCB1504U3:**



**PCB1504E2:**



**Environmental Specification:**

IP Rating:	IP68
Storage Temperature:	-40°C to +150°C
Operation Temperature:	-40°C to +100°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

**Order information:**

PCB1504U3:	(US) 902-928MHz,
PCB1504E2:	(EU) 865-868MHz