

UHF Metal Tag **Atom Series:**



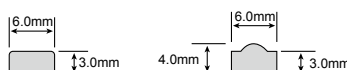
Functional Specifications:

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) , USER512bits, TID64bits
Write Cycles:	100,000 times
Functionality:	Read/write
Data Retention:	50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	0.9m, (US) 902-928MHz, On Metal 0.8m, (EU) 865-868MHz, On Metal
Read Range : (Handheld Reader)	0.5m, (US) 902-928MHz, On Metal 0.45m, (EU) 865-868MHz, On Metal
Warranty:	1 Year

Physical Specification:

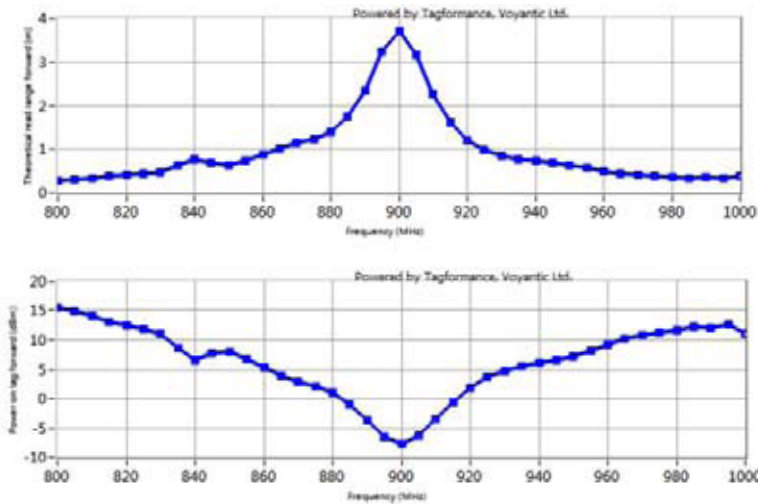
Size:	6x3mm
Thickness:	4.0mm with IC bump
Material:	FR4 (PCB)
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive
Weight:	0.5g

Dimensions:

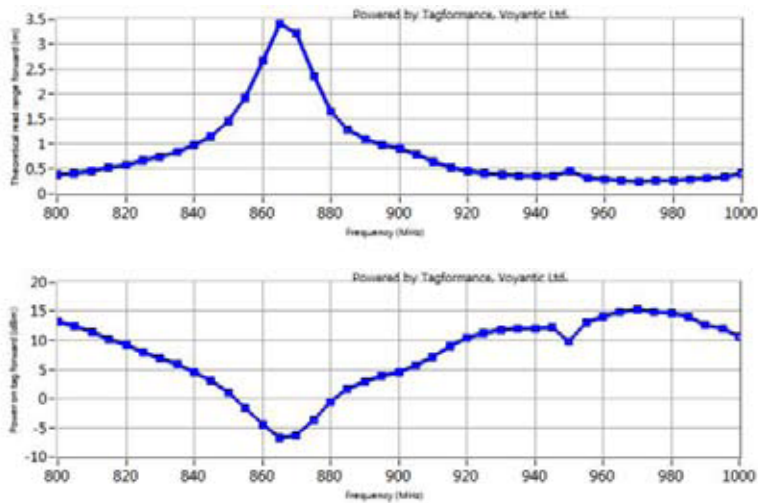


Focus on UHF Special Tag

PCB0603U1:



PCB0603E1:



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:

PCB0603U1 (US) 902-928MHz,

PCB0603E1 (EU) 865-868MHz