

UHF Metal Tag **Atom Series:**



**Functional Specifications:**

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	UCODE8
Memory:	EPC 128bits , USER 0bits, TID 96bits
Write Cycles:	100,000times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range :	85cm - (US) 902-928MHz, on metal
(Fix Reader:ThingMagic FU-M6-E, 36dBm/4W)	75cm - (EU) 865-868MHz, on metal
Read Range :	45cm - (US) 902-928MHz, on metal
(Handheld Reader: OP9908, R2000, 33dBm/2W)	45cm - (EU) 865-868MHz, on metal
Warranty:	1 Year

**Physical Specification:**

Size:	Diameter6mm, (Hole: D2mmx1)
Thickness:	4.0mm with IC bump
Material:	FR4 (PCB)
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	
Weight:	0.5g