

UHF Metal Tag **Atom Series:**

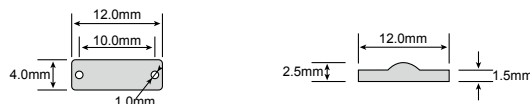
Colour:  Black  Red  Blue  Green  White

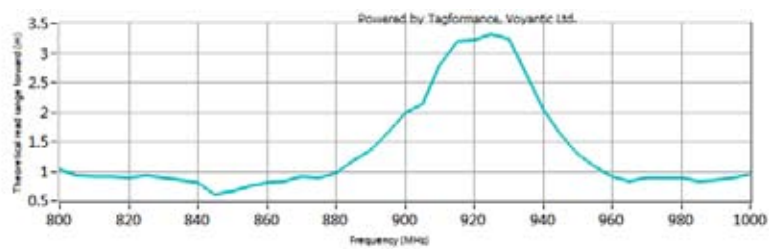
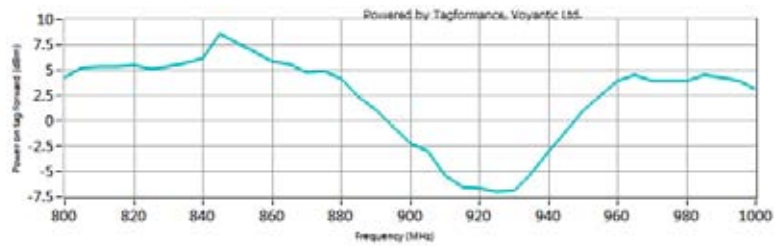
Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	NXP 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 : (Fix Reader)	150cm - (US) 902-928MHz, on metal 150cm - (EU) 865-868MHz, on metal
Read Range : (Handheld Reader)	60cm - (US) 902-928MHz, on metal 60cm - (EU) 865-868MHz, on metal
Warranty:	1 Year

Physical Specification:

Size:	12.0x4.0mm
Thickness:	1.5mm without IC bump, 2.5mm with IC bump
Material:	FR4 (PCB)
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive
Weight:	0.2g

Dimensions:

PCB120401U1:**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:

PCB120401U1	(US) 902-928MHz,
PCB120401E1	(EU) 865-868MHz