

UHF Metal Tag Atom Series:



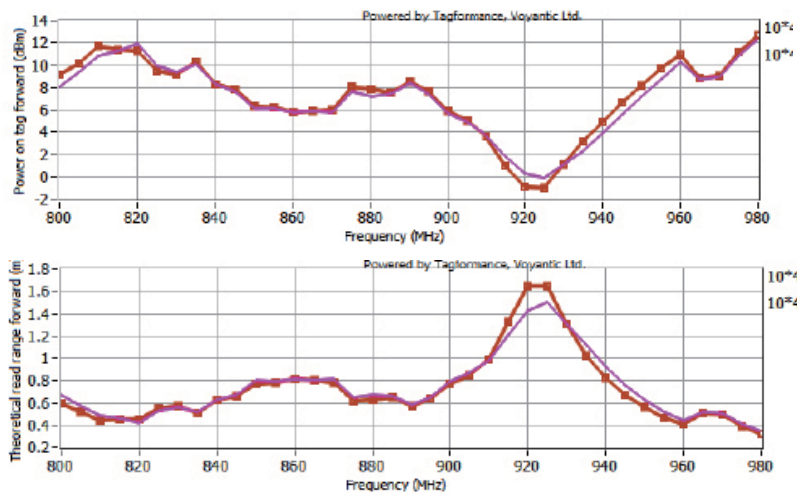
Functional Specifications:

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 :	135cm - (US) 902-928MHz, on metal
(Fix Reader:ThingMagic FU-M6-E, 30dBm)	135cm - (EU) 865-868MHz, on metal
Read Range :	90cm - (US) 902-928MHz, on metal
(Handheld Reader: OP9908, R2000, 30dBm)	75cm - (EU) 865-868MHz, on metal
Warranty:	1 Year

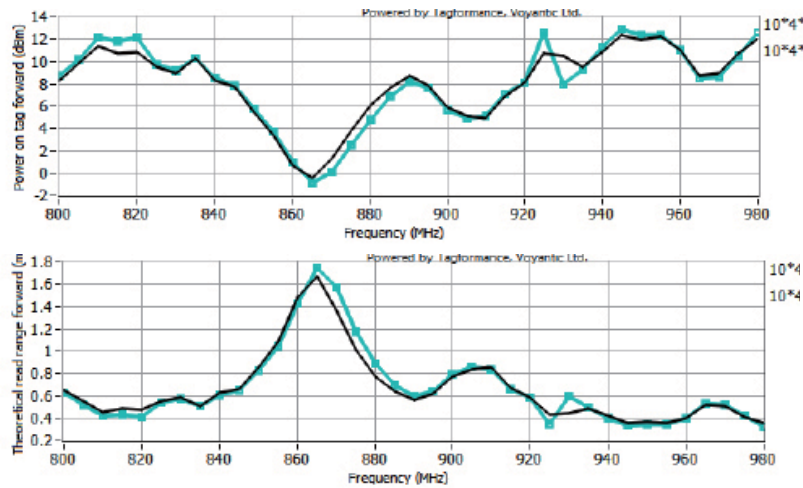
Physical Specification:

Size:	10x4mm, (Hole: D2mm)
Thickness:	2.0mm
Material:	FR4 (PCB)
Colour:	Black (Red, Blue, Green, White)
Mounting Methods:	Adhesive, Screw
Weight:	0.5g

OPP1004U2:



OPP1004E2



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:

OPP1004U2	(US) 902-928MHz,
OPP1004E2	(EU) 865-868MHz