

UHF Metal Tag



**Functional Specifications:**

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Alien Higgs-4
Memory:	EPC 128bits, USER 128bits, TID64bits
Write Cycles:	100,000times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range :	630cm - (US) 902-928MHz, On metal
(Fix Reader:ThingMagic M6-E, )	650cm - (EU) 865-868MHz, On metal
Read Range :	450cm - (US) 902-928MHz, On metal
(Handheld Reader: OP9908, R2000)	460cm - (EU) 865-868MHz, On metal
Warranty:	1 Year

**Physical Specification:**

Size:	60x19mm, (Hole: D5mmx2)
Thickness:	4.8mm
Material:	PPS
Colour:	Black
Mounting Methods:	Adhesive, Screw, binding
Weight:	13g

**Environmental Specification:**

IP Rating:	IP68
Withstands Exposure To:	Fuel B, mineral oil, petroleum, salt mist, vegetable oil;
Storage Temperature:	-55°C to +200°C (230°C for 30 minutes, 180°C for 120minutes)
Operation Temperature:	-40°C to +150°C (working 10hours in 180°C)
Certifications:	Reach Approved, RoHS Approved, CE Approved

**OPP6019U1:**

**OPP6019E1:**

**Order information:**

OPP6019U1	(US) 902-928MHz,
OPP6019E1	(EU) 865-868MHz

**Dimensions:**

