



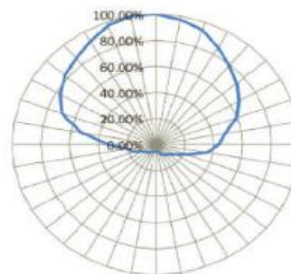
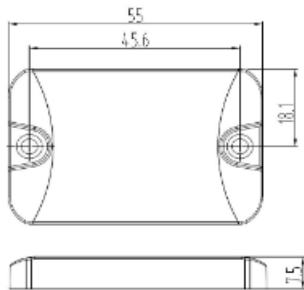
RFO MIC2 HT Industrial Tag



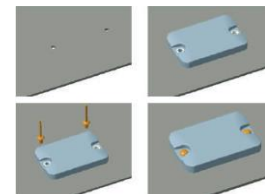
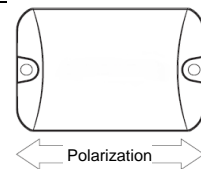
Product Description	RFO MIC2 HT Industrial Tag
Electrical Characteristics	
Operating Frequency	UHF 902-928 MHz (US); 866-868 MHz (EU)
Chip type	Alien Higgs-9
RFID Standards	EPCGlobal Class1Gen 2; ISO18000-6C
Read range	Depending on read/write performance of the RFID Reader up to 33 ft (10 m)
Memory configuration	96 bits TID - 48 bits EPC - 688 bits user memory
Memory – expected read / write cycles	100,000 cycles
Polarization	Linear
Application temperature (MIL STD 810-F)	-40°C to +250°C (High temperature cycle 250°C for 500 hours)
Operational temperature (MIL STD 810-F)	-40°C to +85°C
Data preservation	Up to 50 years *
IP Rating / Vibration / Shock	IP68 / MIL-STD-810G / 3ft (1 m) to concrete/granite
Compression strength	181 psi (1250 kPa)
Chemicals	24h H2SO4 (10% sulfuric acid) 24h HNO3 (10% nitric acid) 24h H3PO4 (20% phosphoric acid) 24h H2O2 (25% hydrogen peroxide) 24h NaOH (10% sodium hydroxide)
RoHs Compliance	YES
Material specifications	Industry grade polymer, 316L Stainless steel
Mounting Systems	Pop rivets / Screws / Industrial adhesive (optional)
Mounting surface	Metal
Customization Options	Encoding / Laser Marking / Printing / Industrial Adhesive / Metal Backplate / ATEX Certified Version

Physical Characteristics

Dimensions: 55 × 36.20 × 7.50 (mm) / 2.16 × 1.43 × 0.30 (in)



Radiation pattern on metal



Installation instruction

Article no:	RFO MIC2 HT Industrial Tag
-------------	-----------------------------------

Typical Applications

RTI management	Work in process
Automotive assembly	identification and back tracing
bio/chemistry/forensic/pharmacy/environment	process control, QS & monitoring

