



RFO-HT 3714

UHF High Temperature Tag

225°C

Functional Specifications:		RFO-HT 3714
RFID Protocol	UHF EPC Class 1 Gen 2, ISO 18000-6C, ISO 17364, DIN 40050-9	
Frequency	US 902-928MHz, EU 865-868MHz	
IC type	Monza R6-P	
Memory	128/96 bit EPC / 32/64 bit UM	
Anti-Collision	Yes	
Reading Distance (2W reader ERP, free space)	Up to 13.1 ft (4 m)	
Physical Specification:		
Size	1.45 × 1.6 × 0.3 in (37.0 × 14.0 × 7.5 mm)	
Material	Thermoplastic	
Colour	Black	
Weight	0.2 oz (5.7 g)	
Mounting Methods	Screw, weld (special models to glue on metal available on request)	
Screw Mounting Hole	Ø 0.12 in (3 mm)	
Affixes To	All surfaces, including metal, plastic, wood	
CHEMICAL, MECHANICAL & THERMAL		
Water	IP68, 68° F (20° C), 1 m × 24 h	
Withstands Exposure To	5% caustic soda, 10% salt water, vegetable oil, Motor oil, 68° F (20° C), 168hr	
Vibration & Shock	MIL STD 810-G	
Impact	2kg Steel, 1m	
Storage	-40° to +185° F (-40° to +85° C), 1x1000 h-40° to +185° F (-40° to +85° C), 1x1000 h	
Operating Temperature	-40° to +185° F (-40° to +85° C)	
Peak Temperature	437° F (225° C), 100 h	
Shock/Fatigue	-40° to +185° F (-40° to +85° C), 100 x 5 min with 20 sec transition	
OTHER		
Options	Custom label or embossed logo, no logo or custom tag color. Laser engraving of custom logo, barcode or text on gray tag versions. By default, grey tags are supplied without logo or laser engraving. ATEX/IECEX, C1D1	
Box Size	450 pcs.	