



RFO-HT 6318

**UHF High Temperature Tag
200°C**

Functional Specifications:		RFO-HT 6318
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	M750	
Memory	96 bit EPC / 32 bits UM	
Anti-Collision	Yes	
Reading Distance (2W reader ERP, free space)	Up to 32.8 ft (10 m)	
Physical Specification:		
Size	2.5 × 0.69 × 0.25 in (63.5 × 17.5 × 6.4 mm)	
Material	Ryton PPS	
Colour	Black	
Weight	0.35 oz (10 g)	
Mounting Methods	Screw, weld (special models to glue on metal available on request)	
Screw Mounting Hole	Ø 0.075 in (2 mm)	
Affixes To	All surfaces, including metal, plastic, wood	
CHEMICAL, MECHANICAL & THERMAL		
Water	IP69K (100 bar at 80°C, 30 sek., 16 l/min)	
Withstands Exposure To	Dilute mineral acids, dilute alkali solutions (<20%), alcohols, petroleum, salt mist, vegetable oil, hydraulic fluid and most industrial cleaning agents	
Vibration & Shock	IEC 68.2.6 / IEC 60068-2-27:2008	
Impact	1.75kg Steel, 0.76m	
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	392° F (200° 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	150 pcs.	