RADI⦿F⦿RCE

RFO-HTCR138

UHF High Temperature Tag 225°C

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Functional Specifications:

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	28/96 bit EPC, 32/64 bit UM
Anti-Collision	Yes
Reading Distance (2W reader ERP, free space)	13.1 ft (4 m)

Physical Specification:

Size	0.5 × 0.3 × 0.1 in (13.1 × 7.8 × 3.1 mm)
Material	Ceramic painted
Colour	Black
Weight	0.05 oz (1.5 g)
Mounting Methods	Adhesive or enclosure
Affixes To	Metal surfaces

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
Warranty	1 year
Storage	-40° to +185° F (-40° to +85° C)
Operating Temperature	-40° to +185° F (-40° to +85° C)
Peak Temperature	437° F (225° C), 700 h
Shock/Fatigue	-40° to +185° F (-40° to +85° C), 100 x 5 min with 30 sec transition

OTHER

Options	Self-adhesive sticker (for placement only in applications exceeding +85°C), ATEX/IECEx, C1D1
Box Size	500 pcs.

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