



RFO-LU2220 200°C High Temperature UHF Tag

DATA SHEET



Product Description

Main Features

High Temperature RFID Resistant Tag RFO-LU2220

The RFO-LU2220 are RFID on metal tags designed to reliably perform in high temperature conditions. These RFID on metal tags offer robust performance at an attractive price point. constructed with high temperature material, it can endure temperatures of 280°C for 50 minutes, 250°C for 150minutes.

The RFO-LU2220 UHF on metal tags are EPC Class 1 Gen 2 and RoHS compliant and has an IP68 rating. The tags are available in frequencies for North America, Europe, Japan and more.

Product dimensions



Article no:

Typical Applications

- | | |
|-------------------|-------------------|
| •Manufacturing | •Health Care |
| •Security | •Asset management |
| •Waste management | •Food |
| •Logistics | •Transportation |



Functional Specifications:		RFO-LU2220
RFID Protocol	EPC Class1 Gen2, ISO18000-6C	
Frequency	US 902-928MHz, EU 865-868MHz	
IC type	Allen 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(On Metal) : (Fix Reader)	Up to 250cm - (US) 902-928MHz, on metal Up to 270cm - (EU) 865-868MHz, on metal	
Read Range(On Metal) : (Handheld Reader)	Up to 120cm - (US) 902-928MHz, on metal Up to 140cm - (EU) 865-868MHz, on metal	
Warranty	1 Year	
Physical Specification:		
Size	D:20mm, (Hole: D2mmx2)	
Thickness	2.1mm without IC bump, 2.8mm with IC bump	
Material	High temperature material	
Colour	Black	
Mounting Methods	Adhesive, Screw	
Weight	1.0g	
Environmenal Specification:		
IP Rating	IP68	
Storage Temperature	-55°C to +200°C (280°C for 50 minutes, 250°C for 150minutes)	
Operation Temperature	-40°C to +150°C (working 10hours in 180°C)	
Certifications	Reach Approved,RoHS Approved,CE Approved	
Power on Tag	<p>Powered by Tagformance, Voyantic Ltd.</p>	

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