

+260°C



RFO-LUC5625 Tag
Special Stainless Steel UHF Tag
Embedded in metal

Product Description

General specifications

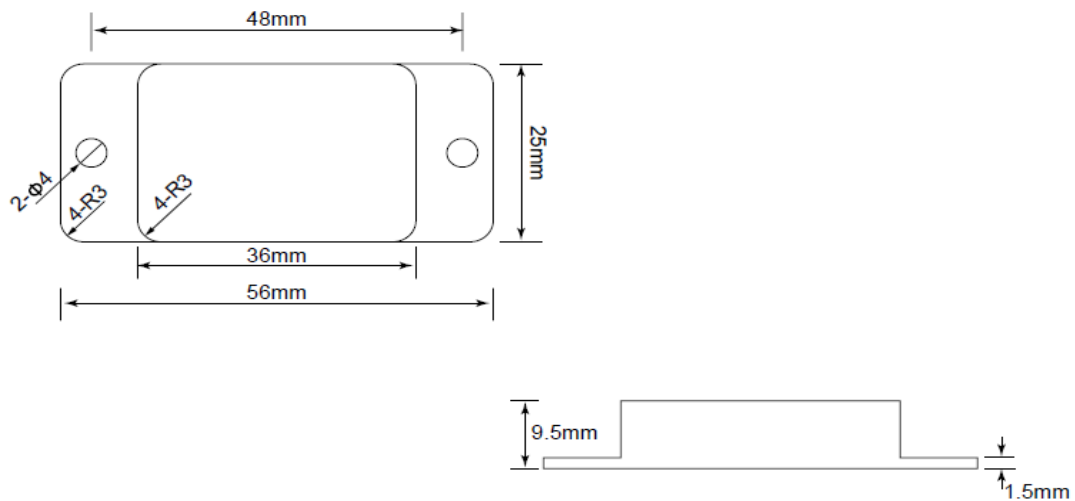
RFO-LUC5645 260°C High Temperature Tag

RFO-LUC5645 are embedded RFID Tags with long read ranges of up to 9 meters on metals. Designed for heavy industry and outdoor applications in high temperature (up to 260°C) environment.

The RFO-LUC5645 features a high impact, water proof, durable encasement.

High Temperature long read ranges RFID Tags RFO-LUC5645 are excellent choice for tracking large assets in open storage environments, without the concern of a battery.

Dimension



Article no:

Typical Applications

- Industrial goods Tracking
- Electronic registration
- Maintenance
- Trace & Track
- Supply Chain Management
- Factory automation

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Functional Specifications:

RFID Protocol	EPC Class1 Gen2, ISO18000-6C
Frequency	US 902-928MHz, EU 865-868MHz
IC type	Alien Higgs-3/NXP UCODE8
Memory	EPC 96bits (Up to 480bits) , User 512bits, TID64bits
Write Cycles	100,000 times
Functionality	Read/write
Data Retention	50 Years
Applicable Surface	Metal Surfaces
Read Range(On Metal) :(Fix Reader)	9.0m (US) 902-928MHz, On metal;
	8.8m (EU) 865-868MHz, On metal;
Read Range(On Metal) :(Handheld Reader)	5.5m (US) 902-928MHz, On metal;
	5.3m (EU) 865-868MHz, On metal;
Warranty	1 Year

Physical Specification:

Size	56x25x9.5mm
Thickness	9.5mm
Material	304 stainless steel
Colour	Grey
Mounting Methods	Screw, Weld
Weight	41g

Environmenal Specification:

IP Rating	IP68
Storage Temperature	-50°C to +260°C (Withstand 300°C for 100 hours)
Operation Temperature	-40°C to +150°C
Certifications	Reach, RoHs, CE, ATEX