



RFO-SLLR13042
Ultra High Performance
UHF Tag
up to 30 m read range

Product Description

General specifications

RFO-SLLR13042 UHF RFID Tag Super Long read range up to 30 meters!

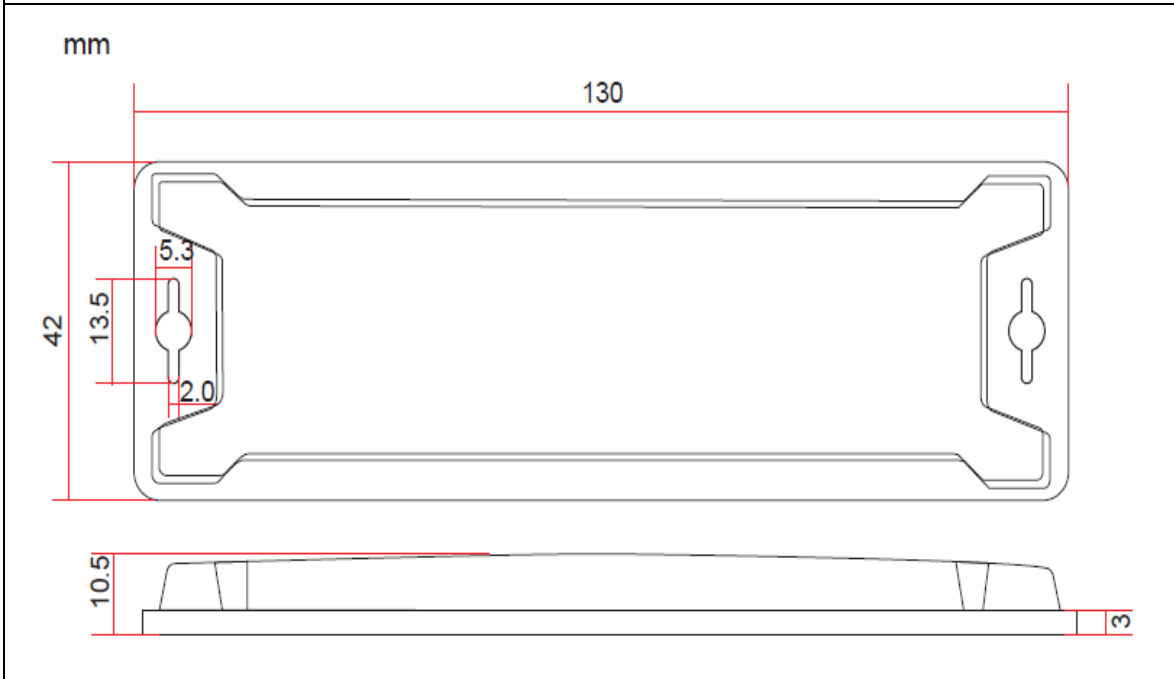
RFO-SLLR13042 RFID tag has an operating frequency of either 902-928 MHz (US) or 865-868 MHz (EU) and is based on the Alien Higgs-3 IC, which provides industry-leading performance and up to a 30 meters read range.

IP68 and simple mounting

The RFO-SLLR13042 UHF tag is IP68-rated, making it suitable for harsh outdoor environments as well as exposure to water and contaminants.

RFO-SLLR13042 RFID tags have an operating temperature range of -20°C to +80°C, and can be attached using high-performance adhesives, via a rivet hole, or using a cable tie.

Dimension



Article no: _____

Typical Applications

- Bicycle / Vehicle Tracking
- Electronic Toll Collection
- Maintenance
- Trace & Track
- Supply Chain Management
- Factory automation

Contact:

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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
Memory	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles	100,000times
Functionality	Read/write
Data Retention	Up to 50 Years
Applicable Surface	Metal Surfaces
Read Range(On Metal) :	Up to 30.0m - (US) 865-868MHz, on metal ; Up to 28.0m - (EU) 902-928MHz, on metal
(Fix Reader)	Up to 16.0m - (US) 865-868MHz, off metal ; Up to 14.0m - (EU) 902-928MHz, off metal
Read Range(On Metal) :	Up to 22.0m - (US) 865-868MHz, on metal ; Up to 22.0m - (EU) 902-928MHz, on metal
(Handheld Reader)	Up to 11.0m - (US) 865-868MHz, off metal ; Up to 11.0m - (EU) 902-928MHz, off metal
Warranty	1 Year

Physical Specification:

Size	130x42mm, (Hole: 2 hole)
Thickness	10.5mm
Material	PC
Colour	Black (Red, Blue, Green, White)
Mounting Methods	Adhesive, Screw
Weight	38.0g

Environmenal Specification:

IP Rating	IP68
Storage Temperature	-30°C to +100°C
Operation Temperature	-20°C to +80°C
Certifications	Reach Approved,RoHS Approved,CE Approved