OFF-Metal LED Tag

ON-Metal LED Tag

RFO-LED2090
High Performance
LED UHF Tag

Product Description

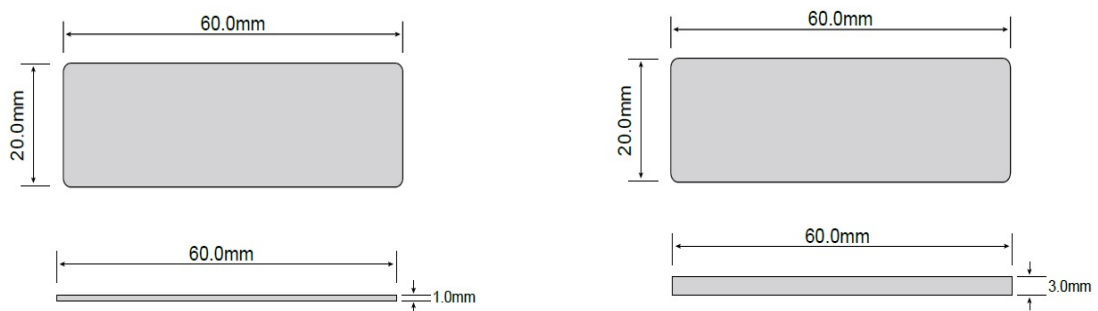### General specifications

RFO-LED2090M&L RFID tags with led indicator

RFO-LED2090L and RFO-LED2090M are RFID location tracking tags with LED indicator that can be turned on through RF command allowing quick and easy visual identification of a specific tag among several others.

RFO-LED2090L and RFO-LED2090M does not require any kind of maintenance and can be used in situations where batteries are not recommended.

RFO-LED2090L and RFO-LED2090M RFID tag with led light are normally used for long range RFID asset locating, RFID location tracking, RFID device tracking, RFID logistics and warehouse management applications.

Dimension

60.0mm
20.0mm
60.0mm
1.0mm

60.0mm
20.0mm
60.0mm
3.0mm

Article no:

Typical Applications

• Asset Tracking	• Trace & Track
• Logistics	• Supply Chain Management
• Maintanence	• Factory automation

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Functional Specifications:

RFID Protocol	EPC Class1 Gen2, ISO18000-6C	
Frequency	US 902-928MHz, EU 865-868MHz	
IC type	XBL2005-KX	
Memory	EPC 128bits, User 1312bits, TID96bits	
Write Cycles	1 time	
Functionality	Read/write	
Data Retention	50 years	
Item	**RFO-LED2090 OFF-Metal**	**RFO-LED2090 ON-Metal**
Applicable Surface	Non-metallic surface	Metal Surfaces
Read Range:(Fix Reader)	9.0m, Off Metal	7.5m, On Metal
Read Range:(Handheld Reader)	Up to 6.0m, Handheld reader ; light-on read range up to 3.0m, Non-metallic surface	Up to 5.0m, Handheld reader ; light-on read range up to 3.0m, Metallic surface

Physical Specification:

Size	60.0x20.0mm	60.0x20.0mm
Thickness	1.0mm(Off-metal)	3.0mm(On-metal)
Material	PCB	PCB
Colour	Black	Black
Mounting Methods	Adhesive	Adhesive
Weight	2.5g	7.5g

Enivironmenal Specification:

IP Rating	IP67
Storage Temperature	-20℃ to +80℃
Operation Temperature	-20°C to +80°C
Certifications	Reach, RoHs, CE, ATEX