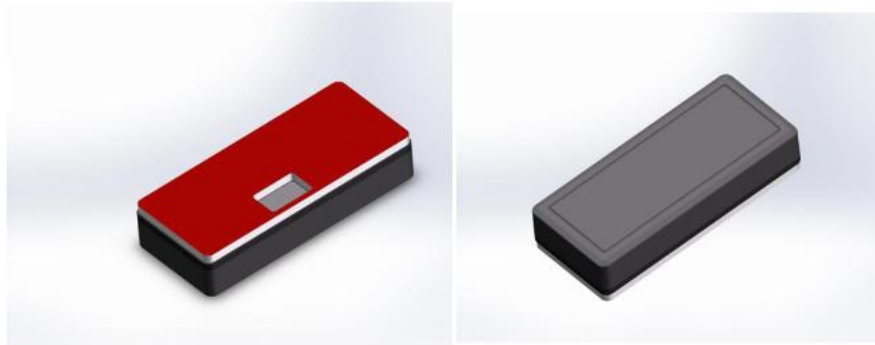


RFID 2.4G Active Tag MR3848



Product Features:

1. Ultra-low-power, average working current <math><10\mu\text{A}</math>.
2. Photosensitive tamper integration.
3. 2.4G identify range can reach 80 meters, reading range adjustable via software.

Physical Characteristic:

Model No	MR3848
Type	2.4G Card Type (Beacon type, MAX RF power)
Inductive mode	Initiative transmit, RF Power-0dBm transmit every second
Material	ABS, heat resistant ,Black Color
Dimension	42*18.2*7.3mm (without 3M)
Battery	Battery life 3 years (signal time interval is 3s)
IP Grade	IP54

Microwave Link Characteristic:

Signal Modulation Mode: GFSK
Communication Speed: 1Mbit/s
Operating Frequency: 2.425GHz
Output power: 0dbm

Electrical Characteristic:

Quiescent Current: <math><3\mu\text{A}</math>
Peak Current: <math><15\text{mA}</math>
Average Current : <math><10\mu\text{A}</math>
Battery mode: CR1632
Battery Capacity:120mA \times 2
Operating Temp: -20 $^{\circ}\text{C}$ ~+45 $^{\circ}\text{C}$
Storage Temp: -30 $^{\circ}\text{C}$ ~65 $^{\circ}\text{C}$



The global leading UHF and 2.4GHz RFID device manufacturer

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FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules.
Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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