

Alarm active tag for basket Dual Tag

(First edition)

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1. Subject Content and Scope of Application

This standard specifies the technical requirements, experimental methods, inspection rules, marks, packaging and storage of Alarm active tag produced by Rocateq.

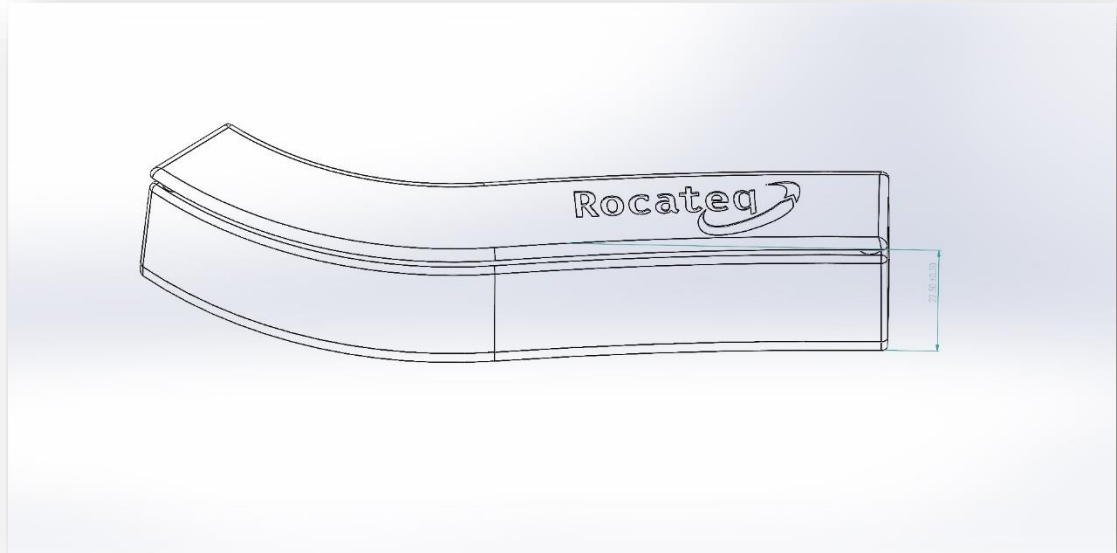
2. Reference standards

ANSI/ASQZ1.4-2003 Sampling by attributes and sampling table for successive inspection (applicable to inspection of continuous batches)

3. Terms and codes

Terminology and code 2.4GHz signal or 8.13Khz signal is sent by Transmitter, the buzzer of Alarm active tag starts to work and 2.4GHz Alarm generates after receiving the signal.

4. Shell size (As shown in Figure 1) (Unit: mm)



5. Electrical performance and test

Electrical performance of Basket Alarm

No :	project	Specifications			remarks
		normal atmospheric temperature	Environmenta l test - 20~60 °C	Over decompression test	
1	working voltage	$3V \pm 10\%$	$3V \pm 10\%$	$3V \pm 10\%$	
2	Launching distance (4th gear)	$\geq 2m$	$\pm 10\%$	$\pm 10\%$	
3	2.4G HZ transmission frequency	$\geq 5 m$			
4	8K HZ transmission frequency	$\geq 26cm$			

➤ Test conditions

5.1 Ambient temperature: - 20 °C~60 °C,

5.2 Working voltage: 3V ± 10%; Battery: 3V

5.3 Accessories: ammeter, DC power supply, A signal remote controller, unlocking remote controller, 2.4G Alarm, and Basket Alarm

5.4 Test method:

a) Current test:

- Connect the Alarm Tag in series with the ammeter and connect it to the 3V power supply. Observe the ammeter, and the standby current should be less than 40uA. After the Alarm Tag stops for 3 seconds and enters the sleep state, the sleep current should be less than 20uA.

b) Function test:

- Upload A signal to the Alarm Tag through the remote controller. At this time, the Basket Alarm buzzer gives an Alarm sound, and the decibel value of the measured sound must be greater than 100 decibels. At the same time, Basket Alarm will send out a 2.4G signal. The 2.4G Alarm will receive this signal and trigger the LED red light to flash. Use Reset signal can mute the Tag, or after 5 minutes Tag mute automatic.

c) Factory test

- Alarm Tag products are assembled and factory set. Move the Alarm Tag to the range of 1 m of A (or C) signal, trigger the alarm. Then move to the unlock signal, and Basket Alarm mute. Use Reset signal can mute the Tag, or after 5 minutes Tag mute automatic.

6. Inspection rules

6.1 See 5.1-5.4 for factory inspection contents

6.1.2 The delivery inspection shall be carried out batch by batch according to ANSI/ASQZ1.4-2003.

6.2 Type inspection

6.2.1 Type inspection shall be carried out for Alarm active tag in one of the following cases:

- a. Identification of trial production and finalization of new products or old products transferred to other factories;
- b. Major changes in product design, process and materials;
- c. When production is stopped for more than eight months and is put into production again;
- d. Once a year for products of normal continuous production;
- e. When the national quality supervision institution requires type inspection.

6.2.2 If any item of any Alarm active tag in the type inspection is unqualified, double sampling from the same batch of products shall be conducted to recheck the unqualified items. If the re inspection is qualified, this batch of products is qualified. If any item in the re inspection is unqualified, this batch of products is unqualified. Unqualified products shall be resubmitted for test after improvement or repair.

6.3 Acceptance

The ordering party accepts the products according to the ex factory inspection items. In case of any quality dispute, the supplier and buyer shall recheck the products according to the supply agreement.

7. Marking, packaging and storage

7.1 Marks, which shall include trademarks

7.2 Packaging

Each ex factory battery switch shall be properly packaged

7.3 Storage

Alarm active tag shall be stored in a warehouse with good ventilation, relative humidity no more than 80% and no corrosive gas, and the storage period is 12 months.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.