

Test Report

Report No: SZES180800386401
Date: 2018-08-31

Applicant : Cavius Aps
Julsovej 16, 8600 Silkeborg, Denmark

Manufacturer: Same as applicant

Test object / Model : Cavius 40 mm heat alarm 10Y EN, Cavius 40 mm heat alarm 10Y AS, Cavius 40 mm heat alarm 10Y OC COM, Cavius 40 mm heat alarm 10Y DO COM /
3003-001, 3004-001, 3301-001, 3302-001

Test specifications / EN 60065: 2014+A11: 2017
Test standard :

Purpose of examination : Test according to the test specification.

Test result : In the opinion of SGS-CSTC the presented unit was found to be in compliance with the test specification.

Remark : None


Ruby Yan
Project Manager
Safety Laboratory




Peter He
Project Engineer

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1. Function / Description :

Trademark	CAVIUS
Power source	Powered by a non-replaceable 3 V lithium battery (Model No. CR123A).
Function	Alarm
Enclosure	Plastic

2. Ratings :

Model : 3003-001, 3004-001,3301-001,3302-001
 Rated Voltage : DC 3V
 Rated Frequency : -
 Rated Power : -
 Rated Current : -
 Protection Class : Class III
 Protection Against Moisture : IPX0
 Construction : Transportable equipment
 Supply connection : Continuous
 Operation mode : 0,046kg max.

3. Summary of testing and conclusion :

Possible test case verdicts:

- test case does not apply to the test object: N/A (Not Applicable)
 - test object does meet the requirement: P (Pass)
 - test object does not meet the requirement: F (Fail)

The tests were done in the Electrical Safety Laboratory of SGS-CSTC in Shenzhen.
 Test item was received on 2018-08-15.
 Tests were performed from 2018-08-17.
 All models are independently evaluated for all applicable tests.
 Tropical climate has been considered and complied.

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4. Marking plate:

Cavius 3301-002
1x3V (Lithium Battery CR123A)
ENG: Heat alarm.
Non-replaceable Lithium
Battery. Please see
instruction manual. — —
Press the button at least
once per quarter to check
the function.



Remark:

1. As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trade mark and the postal address will be marked on the products before being place on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities.
2. Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.
3. The Height of CE logo shall not be less than 5 mm; Height of WEEE logo shall not be less than 7 mm.
4. The marking plate of other models are of the same pattern.

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5. Test Result:

CLAUSE	REMARKS	Verdict
3.1 Exposure to excessive sound pressure		N/A
4. General conditions of tests		N/A
5. Marking		P
6. Hazardous radiation		N/A
7. Heating under normal operating condition	Supplied by non-replaceable lithium battery (CR123A, rated 3,0 VDC), it can be considered no specific temperature rise due to very low power consumption and no parts likely to generate heat.	N/A
8. Constructional requirements with regard to the protection against electric shock		N/A
9. Electric shock hazard under normal operating conditions		N/A
10. Insulation requirements		N/A
11. Fault conditions	The appliance is supplied by non-replaceable lithium battery (CR123A, rated 3,0 VDC). The EUT does not contain hazardous live parts. There is no risk of electric shock. Due to very low power dissipation and no part likely to overheat, it can be justified that under any single fault conditions there is no risk of fire or overheating.	N/A
12. Mechanical strength		N/A
13. Clearances and creepage distances		N/A
14. Components		P
15. Terminal		N/A
16. External flexible cords		N/A
17. Electrical connections and mechanical fixings		N/A
18. Mechanical strength of picture tubes and protection against the effects of implosion		N/A
19. Stability and mechanical hazards		N/A
20. Resistance to fire		P

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Annex A Additional requirements for apparatus with protection against splashing		N/A
Annex B Apparatus to be connected to the telecommunication networks		N/A
Annex L Additional requirements for electronic flash apparatus for photographic purposes		N/A
Annex ZB Special national conditions		N/A
Annex ZC A-deviations		N/A

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6. Component List

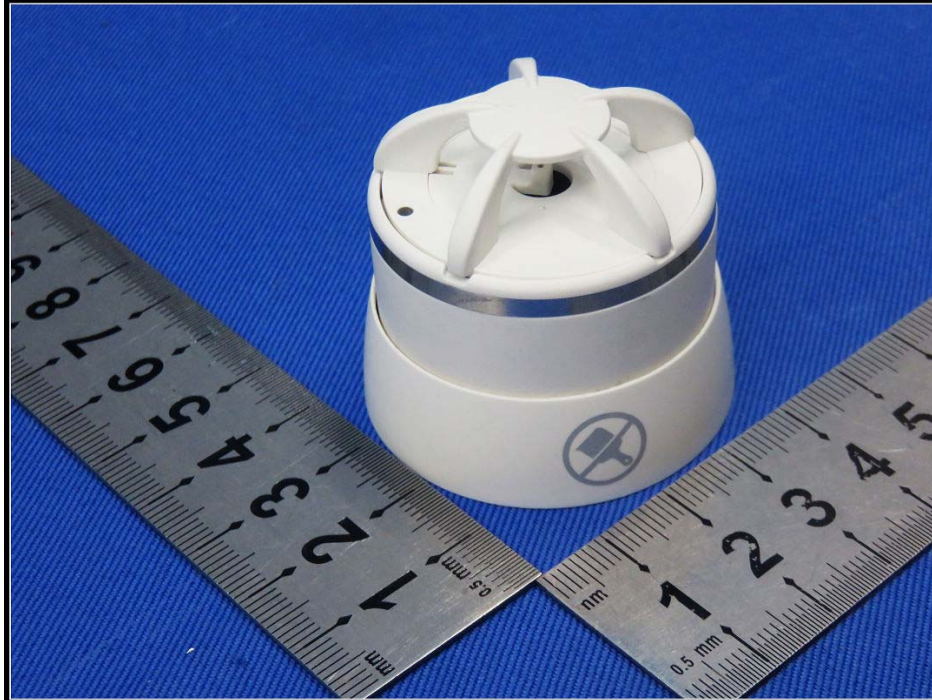
object/part No.	manufac-turer/trademark	type/model	technical data	standard	mark(s) of conformity ¹⁾
PWB	CHI MEI CORPORATION	PA-709S	HB, 60 °C	UL 94	UL (E56070)
Alt.	Interchangeable	Interchangeable	HB or better, 60 °C min.	--	UL
Plastic material of enclosure	GOLDENMAX INTERNATIONAL TECHNOLOGY (ZHUHAI) LTD	CEM-3	V-0, 130 °C, thickness: 1,63 mm	--	UL (E330731)

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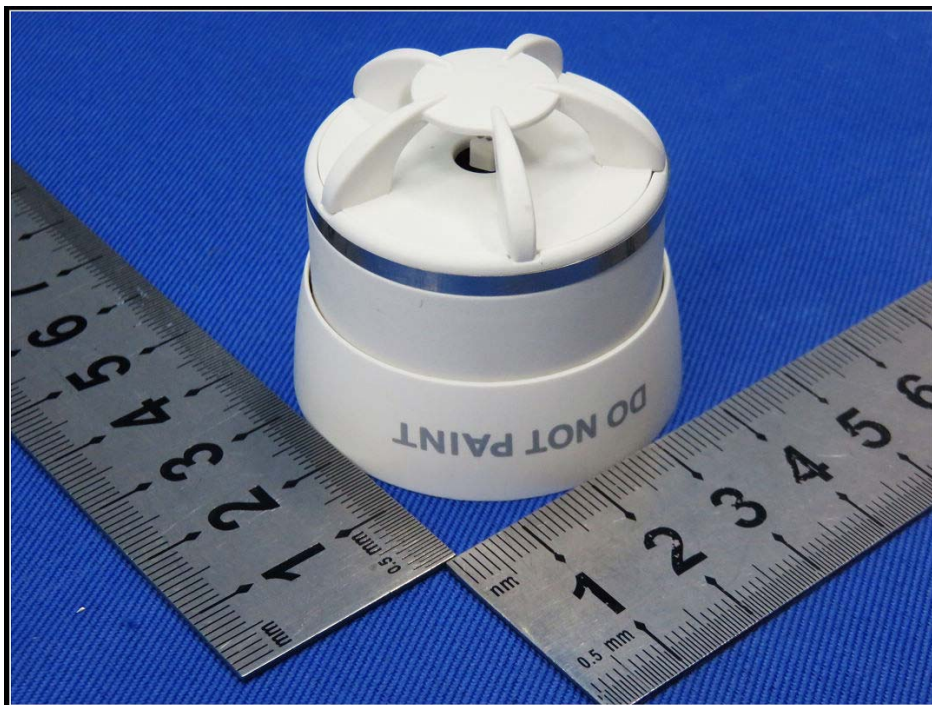
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7. Photo document

Whole unit for 3003-001, 3301-001, 3302-001



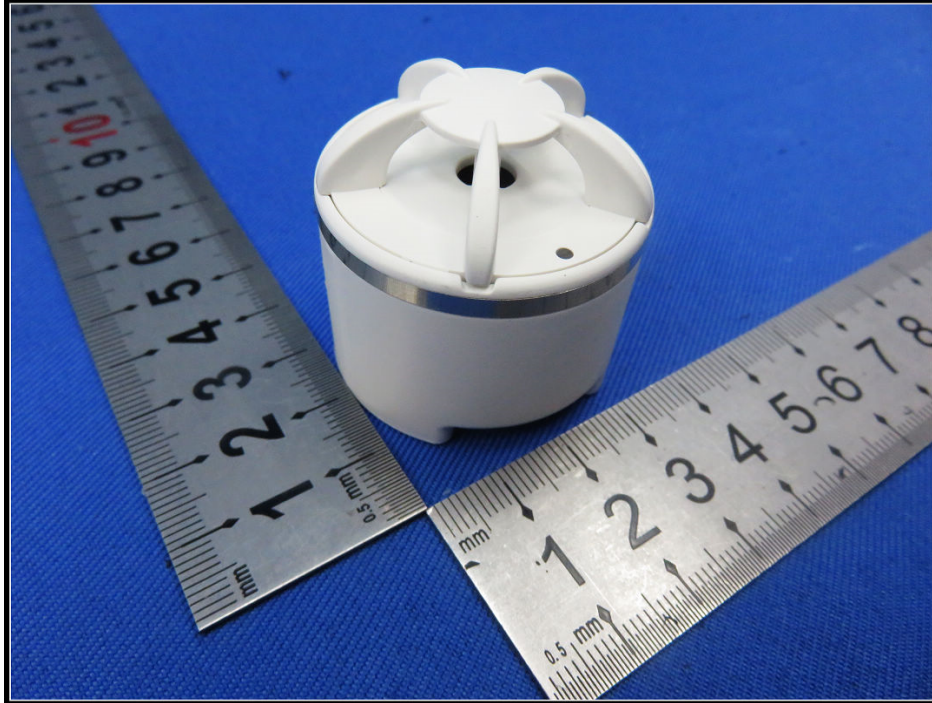
Whole unit for 3004-001



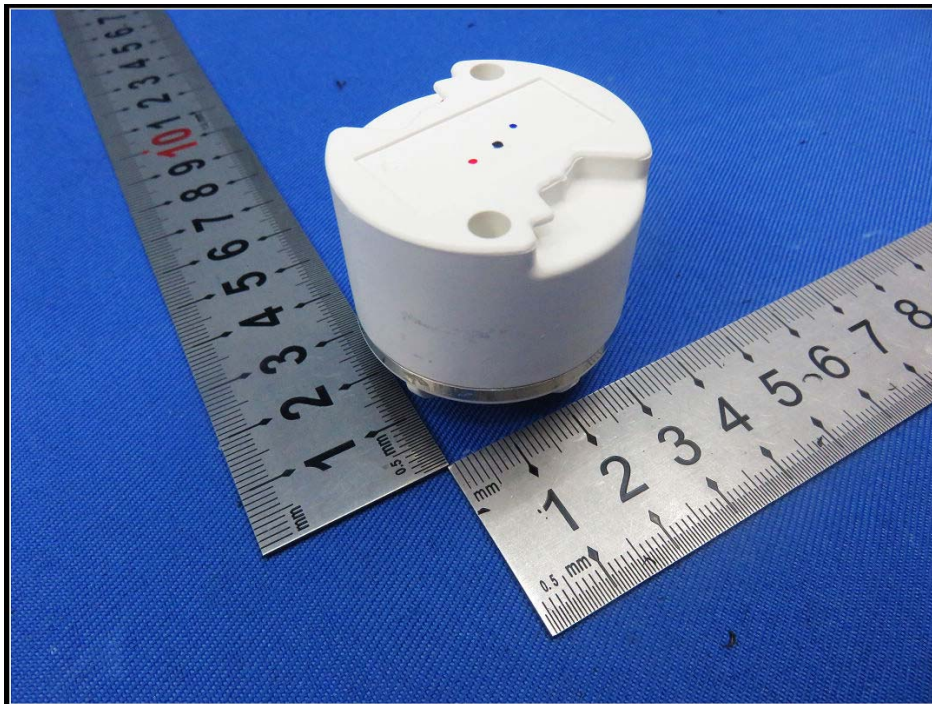
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External view for 3004-001, 3003-001



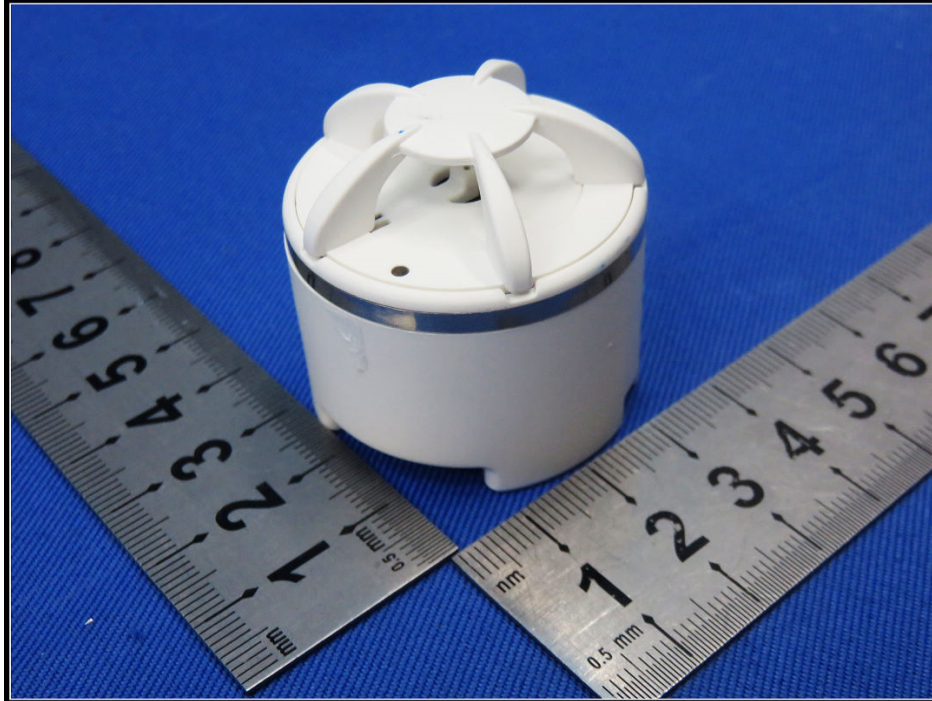
External view for 3004-001, 3003-001



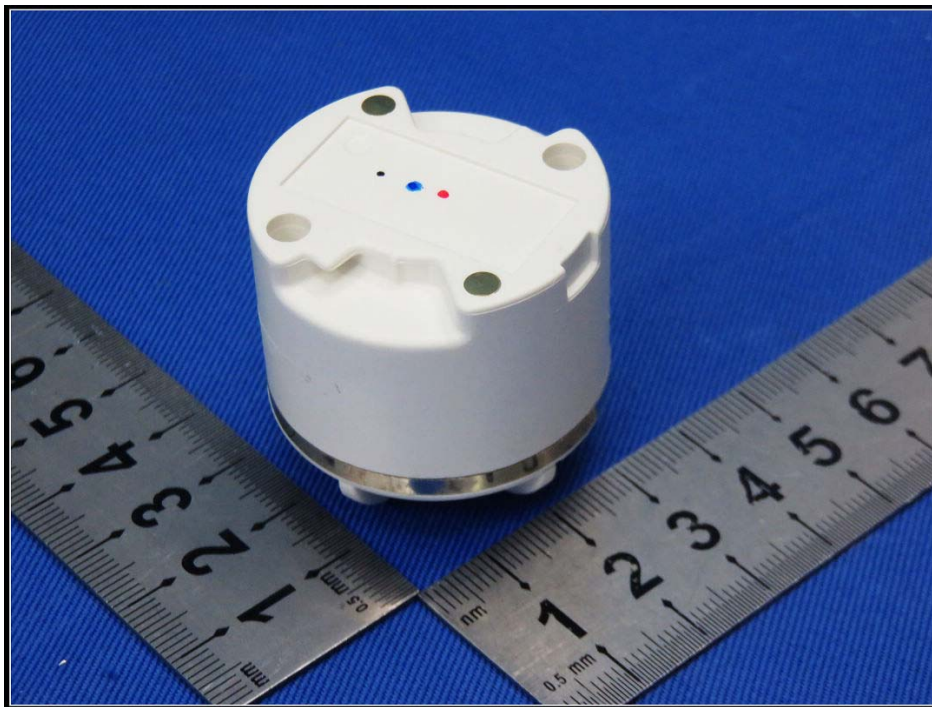
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External view for 3301-001 , 3302-001



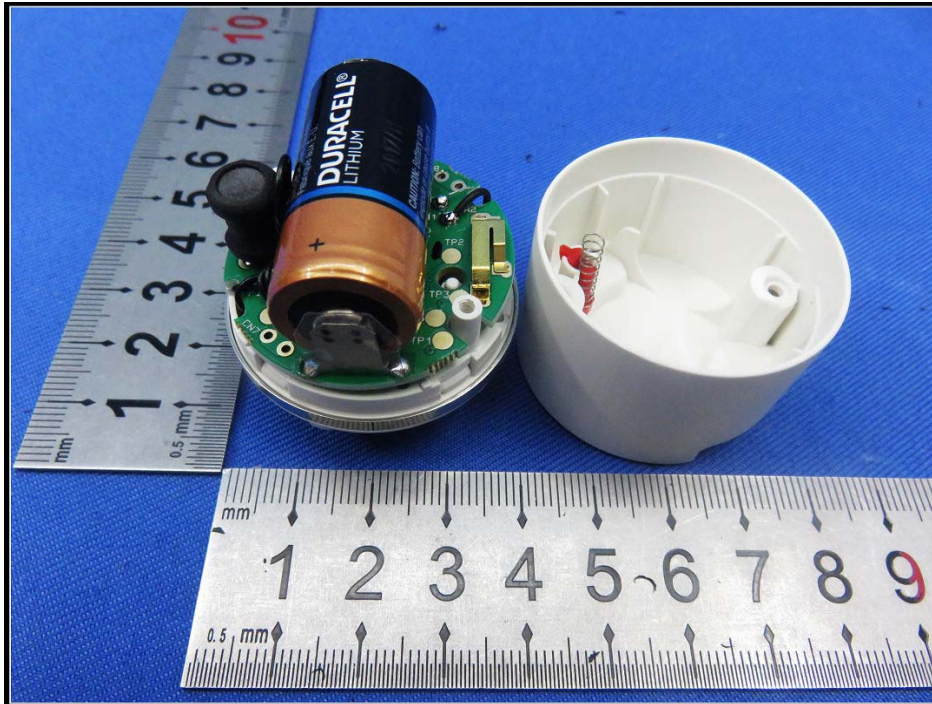
External view for 3301-001 , 3302-001



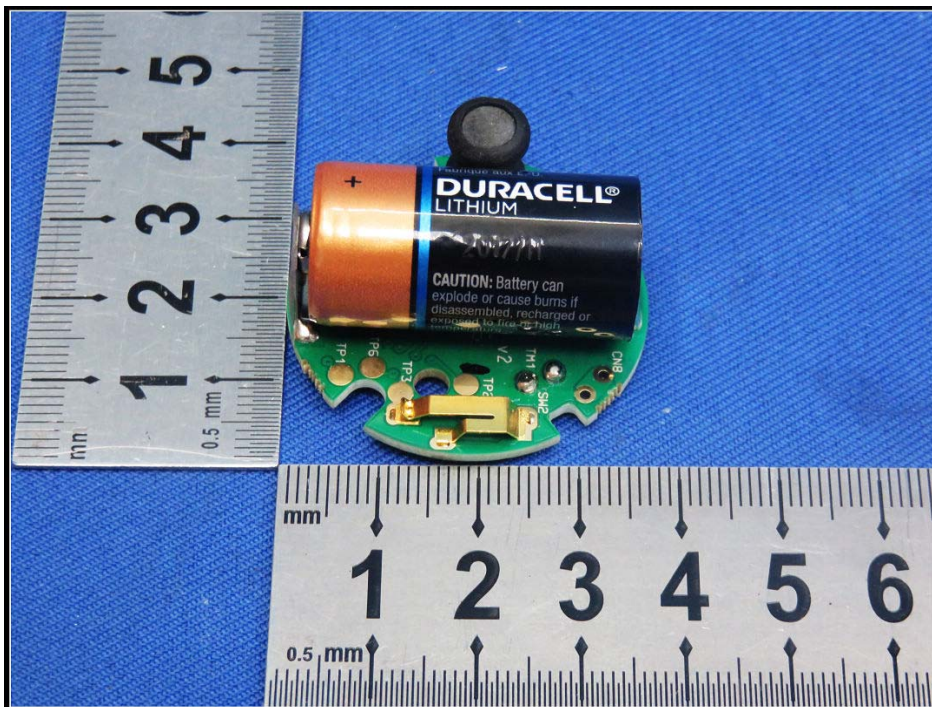
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Internal view for 3004-001, 3003-001



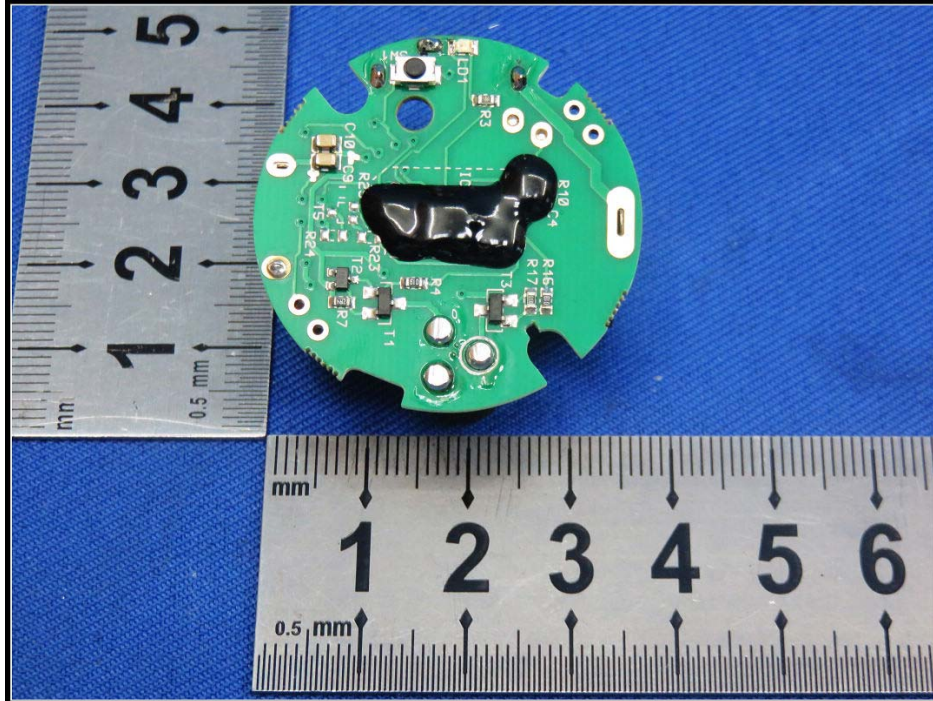
PWB for 3004-001, 3003-001



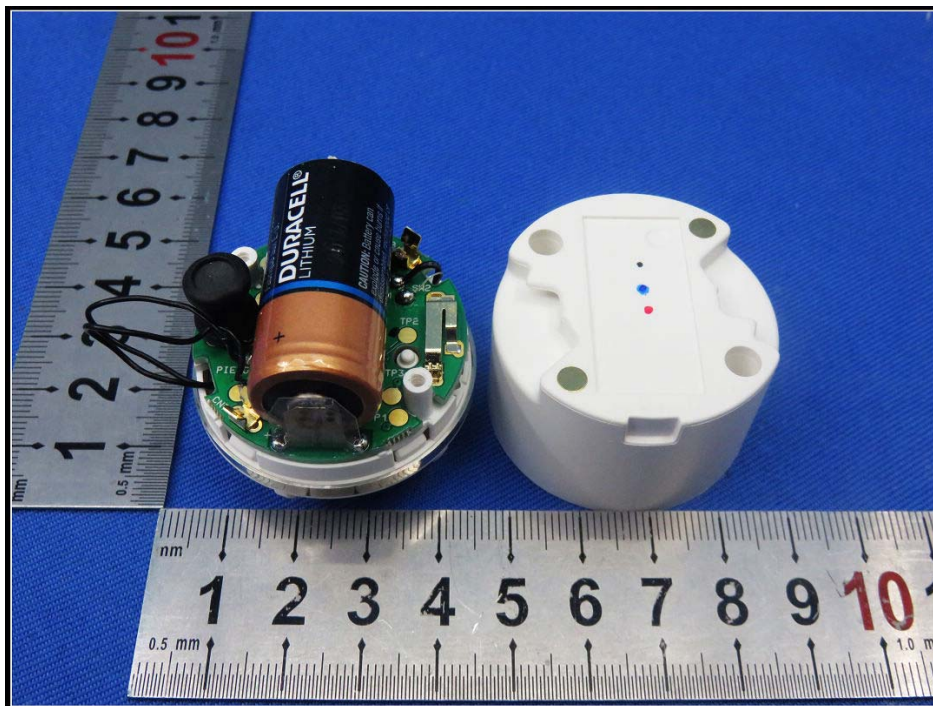
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PWB for 3004-001, 3003-001



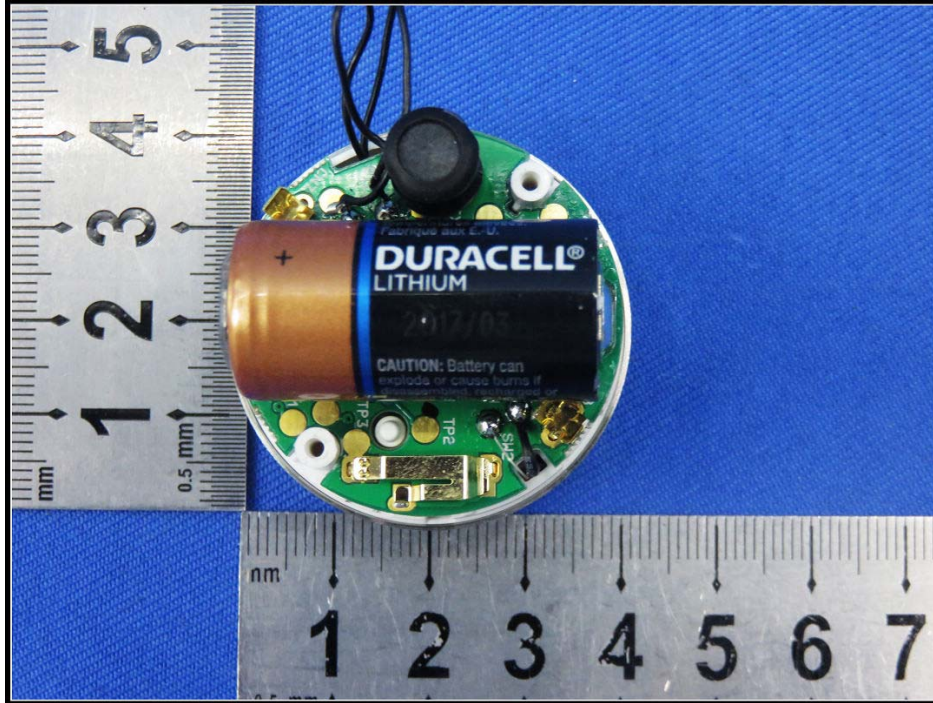
Internal view for 3301-001, 3302-001



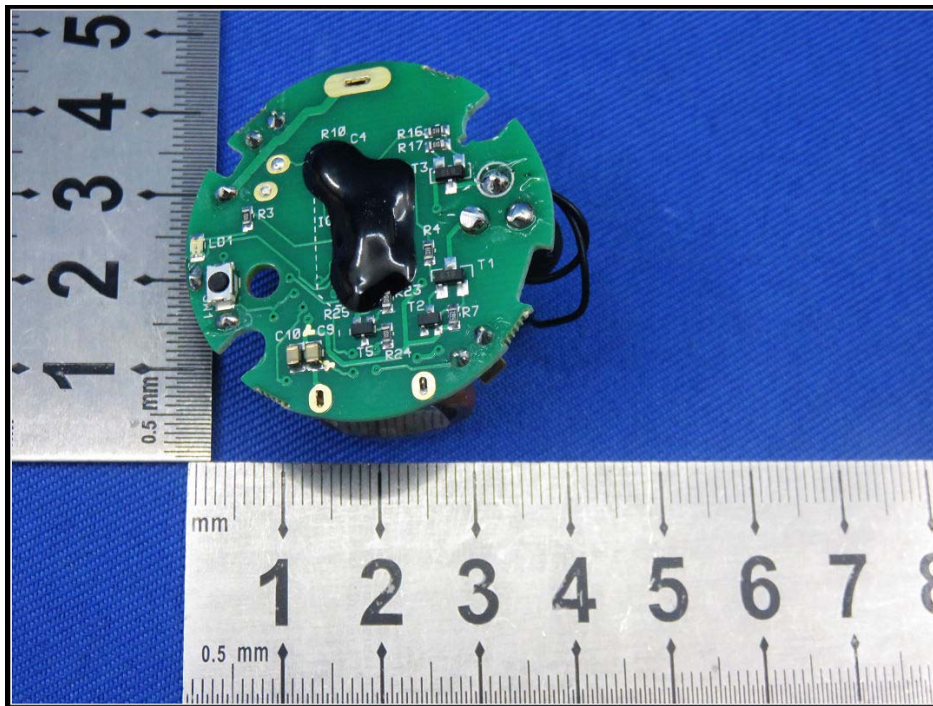
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PWB for 3302-001, 3301-001



PWB for 3302-001, 3301-001



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NOTES TO THIS TEST REPORT

1. The following language(s) of marking(s) and instruction sheets were submitted during the test application:
 - English
 - Throughout this report a comma is used as the decimal separator.

According to the standard, instruction sheets and other texts required by the standard should be written in the official language(s) of the country in which the product is to be sold. The applicant should ensure that the product in future production fulfils the receptive standard requirements.

2. The components performed satisfactorily during testing and are considered to be suitable for use in the sample tested. Acceptances of the safety critical components and materials were based on:
 - the certification record(s) and/or test report submitted by the applicant; or
 - component / material tested with the applianceDetail shall be referred to the component list on the appendix of this test report.

- - - End of Report - - -

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