



中国认可
国际互认
检测
TESTING
CNAS L14228

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| Total pages | 7 |

Test Report



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|-----------------------|--------------------------------|
| Product name: | Silicone keyboard |
| Model Specifications: | K-TEK-M275TP-FN-BL-NV-EMC-151B |
| Detection category: | Commissioned trial |
| production unit: | Key Technology (China) Limited |
| Requester: | Key Technology (China) Limited |



ANCHESHENGHUI

安车昇辉



Shenzhen Ancheshenghui Test Technology Co., Ltd.

Test Report

Client information

Name: Key Technology (China) Limited

Address: Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, Dongguan City, Guang Dong Province, P.R. China.

Unit of production

Name: Key Technology (China) Limited

Address: Floor 7, Building S8, Fenggang Tianan Cyber Park, No. 208 Fenggang Section, Dongshen Road, Fenggang Town, Dongguan City, Guang Dong Province, P.R. China

Company headquarters of the entrusting unit

Name: Key Technology (China) Limited

Address: B703, Building 1, Tianan Cyber Park, Huang Ge North Rd, Longcheng Subdistrict, Long Gang District, Shenzhen, Guang Dong Province, P.R. China.

Sample

Sample name: Silicone keyboard

Sample model: K-TEK-M275TP-FN-BL-NV-EMC-151B

Sample serial number: ACSH22101101-S01~03

Number of samples: 3 pcs

Production unit: Key Technology (China) Limited

Sample pick up date: October 11, 2022

Source: sample sent by the entrusting party

Describe: The sample appeared in good condition at the time of sampling

Testing location and environment

Testing location: Shenzhen Anche Shenghui Testing Technology Co., Ltd.

Temperature: 21°C~28°C Relative Humidity: 45%~75% Air Pressure: 100kPa~102kPa

Testing base

1) GJB 150.1A-2009

2) GJB 150.5A-2009

Test results

Samples commissioned by Key Technology (China) Limited: Silicone Keyboard K-TEK-M275TP-FN-BL-NV-EMC-151B, According to the testing requirements of the client, Temperature shock tests were conducted from 16 October 2022 to 17 October 2022.

After the test, the samples meet the technical requirements in GJB 150.5A-2009 standard, and the test is qualified.

For details of the test, see Summary of Test Results.

J He

Prepared by

Hq Wang

Reviewed by

Wb Chen
Approved by

Release date: November 01, 2022

Summary of test results

| Sequence | Test Items | Test Date | Detection Location | Result |
|---|-------------------|-----------------------|--------------------------|--------|
| 1 | Temperature shock | 2022.10.16-2022.10.17 | Environmental Laboratory | Pass |
| Detailed description of test results | | | | |
| After the test, the appearance and structure of the sample are not damaged, the sample performance test is normal, and the test is qualified. | | | | |

Detailed description of the test sample

| Item | Name | Model | Quantity | Numbering |
|------|-------------------|--------------------------------|----------|---------------------|
| 1 | Silicone keyboard | K-TEK-M275TP-FN-BL-NV-EMC-151B | 3pcs | ACSH22101101-S01~03 |

Detection details

1. Temperature shock

1.1 Test samples

| Item | Name | Model | Quantity | Numbering |
|------|-------------------|--------------------------------|----------|---------------------|
| 1 | Silicone keyboard | K-TEK-M275TP-FN-BL-NV-EMC-151B | 3pcs | ACSH22101101-S01~03 |

1.2 Testing equipment and instruments

| Item | Name | Model | Numbering | Validity Of Measurement Until | Remark |
|------|--|----------|------------|-------------------------------|--------|
| 1 | Basket type high and low temperature impact test chamber | TS-300WS | ACSH-A-007 | 2023-10-15 | / |

1.3 Testing base

- 1) GJB 150.1A-2009 Military equipment laboratory environmental test methods - Part 1: General requirements;
- 2) GJB 150.5A-2009 Military equipment laboratory environmental test methods - Part 5: temperature shock test.

1.4 Test time

2022.10.16-2022.10.17

1.5 Conditions of test


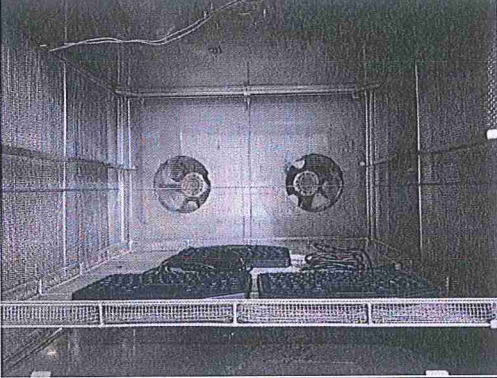

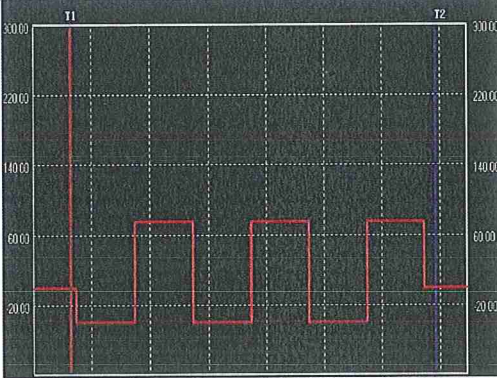
Conduct tests as required by client. The test methods are as follows:

- a) Pre-test inspection: under standard atmospheric conditions, the appearance inspection and performance inspection of the tested products are carried out;
- b) Test:
 - 1) Test temperature: -55℃~75℃;
 - 2) Test time: -55℃ for 2h, 75℃ for 2h, 3 cycles, a total of 12h;
 - 3) Sample status in the test: the sample does not work during the test;
 - 4) Whether to carry out functional testing in the test: perform performance test on the sample at the end of each cycle;
- c) Post-test detection: under standard atmospheric conditions, the appearance inspection and performance inspection of the tested products are carried out.

1.6 Eligibility criteria

After the test, the appearance and structure of the sample have no obvious damage, and the performance test is normal.

1.7 Detect photos and curves

| | |
|--|---|
|  |  |
| Figure 1 Sample appearance | Figure 2 Sample placement status |
|  |  |
| Figure 3 Performance test | Figure 4 Curve of test |

1.8 Test results

After the test, the appearance and structure of the sample have no obvious damage, the performance test is normal, the test is qualified.

(End, there is no test report content below)

Precautions

1. The report has no "special seal for testing" or the official seal of the testing unit is invalid.
2. The report is invalid if it is not re-stamped with the "special seal for testing" or the official seal of the testing unit.
3. The report is invalid if without the signature of the person who prepared, reviewed and approved it.
4. The report is invalid if it is altered.
5. Projects marked with * are not within the scope of our CNAS accreditation.
6. If there is any objection to the test report, it should be submitted to the test unit within 15 days from the date of receipt of the report, and it will not be accepted after the expiration date.
7. The entrusted test results are only responsible for the incoming samples.

Company name: Shenzhen Anche Shenghui Testing Technology Co., Ltd.

Address: First Floor, Building A, Jinye Creative Park, Yutang Street,

Guangming District, Shenzhen

Postal Code: 518107

Tel: 0755-29893646