



TEST REPORT

On Behalf of

Shenzhen QIJIE Electronic CO., LTD

2F Building 21th, Chuangye RD, Shilongzai Industrial Park Shiyan, Baoan District,
Shenzhen, GD, China

LED Strip Connector

Model:Hippo-M SDP

Test Standard: : IEC 60068-2-1:2007 & IEC 60068-2-2:2007

Report Number : GVTS250514102

Test Date : May. 19 - May. 26, 2025

Date of Report : May. 28, 2025

Prepared By : **ShenZhen GVT Testing Technology Co., Ltd.**

Room 504, Unit 1, Building 4, Zhaofuda Industrial Zone, Hongqiaotou
Community, Yanluo Street, Bao 'an District, Shenzhen, Guangdong, China.

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TEST REPORT**IEC 60068-2-1 and IEC 60068-2-2****EnvironmEntal testing -- Part 2-1: Tests - Test A: Cold****EnvironmEntal testing -- Part 2-2: Tests - Test B: Dry heat**

Report reference No..... : GVTS250514102

Date of issue..... : May. 28, 2025

Testing laboratory

Testing Laboratory Name... : ShenZhen GVT Testing Technology Co., Ltd.

Address..... : Room 504, Unit 1, Building 4, Zhaofuda Industrial Zone, Hongqiaotou Community, Yanluo Street, Bao 'an District, Shenzhen, Guangdong, China.

Test location..... : (Same as above)

Client

Name..... : Shenzhen QIJIE Electronic CO., LTD

Address..... : 2F Building 21th, Chuangye RD, Shilongzai Industrial Park Shiyan, Baoan District, Shenzhen, GD, China

Test specification

Standard..... : IEC 60068-2-1 and IEC 60068-2-2

Test procedure..... : Safety report

Procedure deviation..... : N.A.

Non-standard test method..... : N.A.

Test Report Form No..... : IEC 60068-2

TRF originator : UL(US)

Master TRF : Dated 2022-04-14

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Test item

Description..... : LED Strip Connector

Model No. : Hippo-M SDP

Other models : N/A

Trade Mark..... : /

Manufacturer..... : Shenzhen QIJIE Electronic CO., LTD

Address..... : 2F Building 21th, Chuangye RD, Shilongzai Industrial Park Shiyan, Baoan District, Shenzhen, GD, China

Models difference..... : N/A

Possible test case verdicts:

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

Testing..... :

Date of receipt of test item..... : May. 14, 2025
 Date (s) of performance of tests..... : May. 19 - May. 26, 2025
 Sample appearance and function are in normal condition, yes or no..... : Yes
 Ambient temperature..... : 24.6 °C
 Ambient humidity..... : 58%

General remarks:

The test results presented in this report relate only to the object tested.
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 Laboratory GVT. The authenticity of this Test Report and its contents can be verified by contacting GVT, responsible for this Test Report.
 "(see Enclosure #)" refers to additional information appended to the report.
 "(see appended table)" refers to a table appended to the report.
 Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Summary of testing:

The submitted sample were tested and found to compliance with requirements of the standards IEC 60068-2-1-2007 and IEC 60068-2-2-2007

Testing procedure and testing location

Laboratory name : ShenZhen GVT Testing Technology Co., Ltd.
 Testing location/address : Room 504, Unit 1, Building 4, Zhaofuda Industrial Zone, Hongqiaotou Community, Yanluo Street, Bao 'an District, Shenzhen, Guangdong, China.
 Testing procedure : TL ☒ RMT ☐ SMT ☐ WMT ☐ TMP ☐

Tested By : Keith Zhu
 (Test Engineer)

Keith Zhu

Reviewed By : Clare Wen
 (Supervisor)

Clare Wen

Approved By : Peter Chen
 (Chief Engineer)



Photo Documentation

IEC 60068-2-1 and IEC 60068-2-2

| Section | Requirement + Test | Result - Remark | Verdict |
|---------|--------------------|-----------------|---------|
|---------|--------------------|-----------------|---------|

| | | | |
|----------------------|--|-----------------------|---|
| Low temperature test | <p>Test conditions:</p> <p>(1) Sample status: Normal, Power on and start up</p> <p>(2) Test requirement: -10℃</p> <p>(3) Test time: 48h</p> <p>Test procedure:</p> <p>(1) The sample were pretreated and left at room temperature for 25℃ for 2h, Observe whether the sample state and function are normal;</p> <p>(2) Start testing: Place the sample in a constant temperature and humidity testing chamber, and set the testing chamber conditions to -10℃ , Run continuously for 48 h under the condition</p> <p>(3) End of test: remove the tested sample from the test box and restore them in room temperature for 2 hours.</p> <p>Requirements:</p> <p>Conduct appearance and assembly inspections, requiring no abnormalities in appearance or assembly;</p> <p>The sample whether work normally after returning to room temperature.</p> | Meet the requirements | P |
|----------------------|--|-----------------------|---|

Photo Documentation

Photo 1

View: Before the test

- ☒ front
- ☐ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal

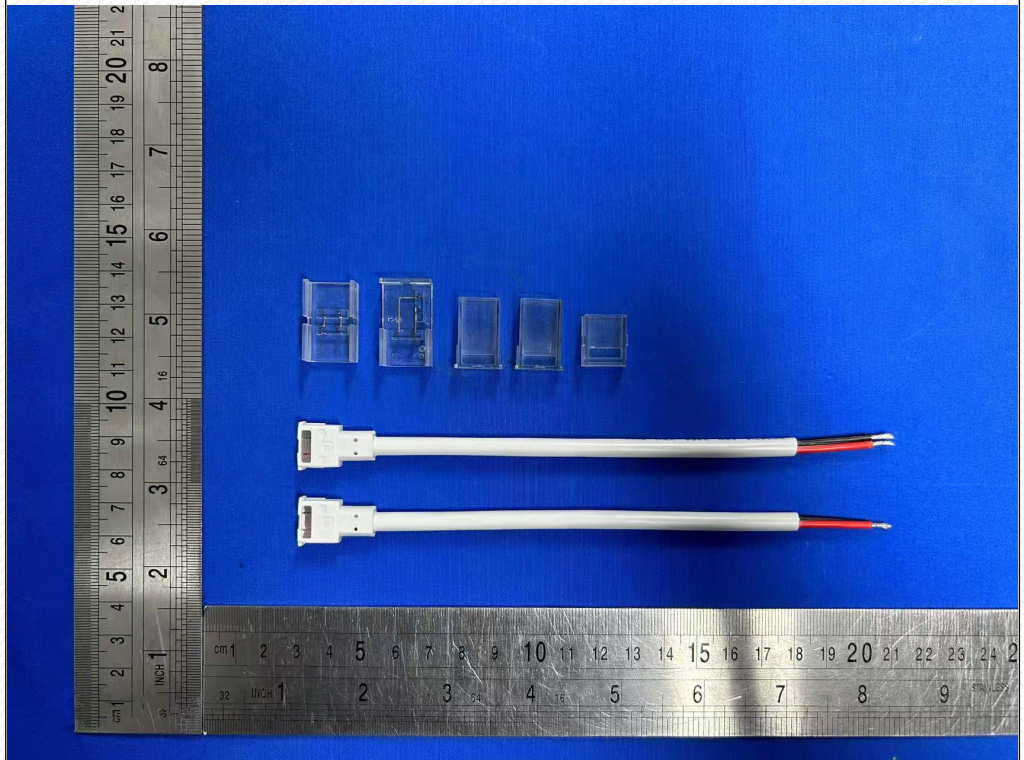


Photo 2

View: Before the test

- ☐ front
- ☒ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal

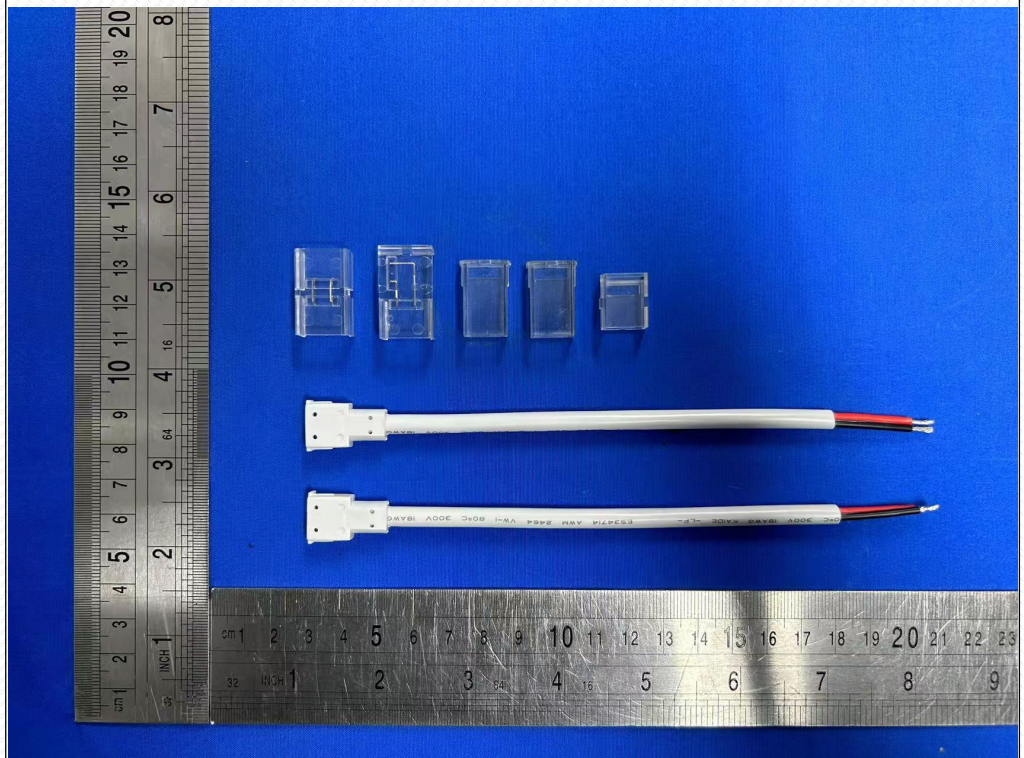


Photo 3

View: Place before
the test

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal

**Photo 4**

View: Place before
the test

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal



Photo 5

View:
Testing(-10℃)

- ☒ front
- ☐ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal

**Photo 6**

View:
Test end

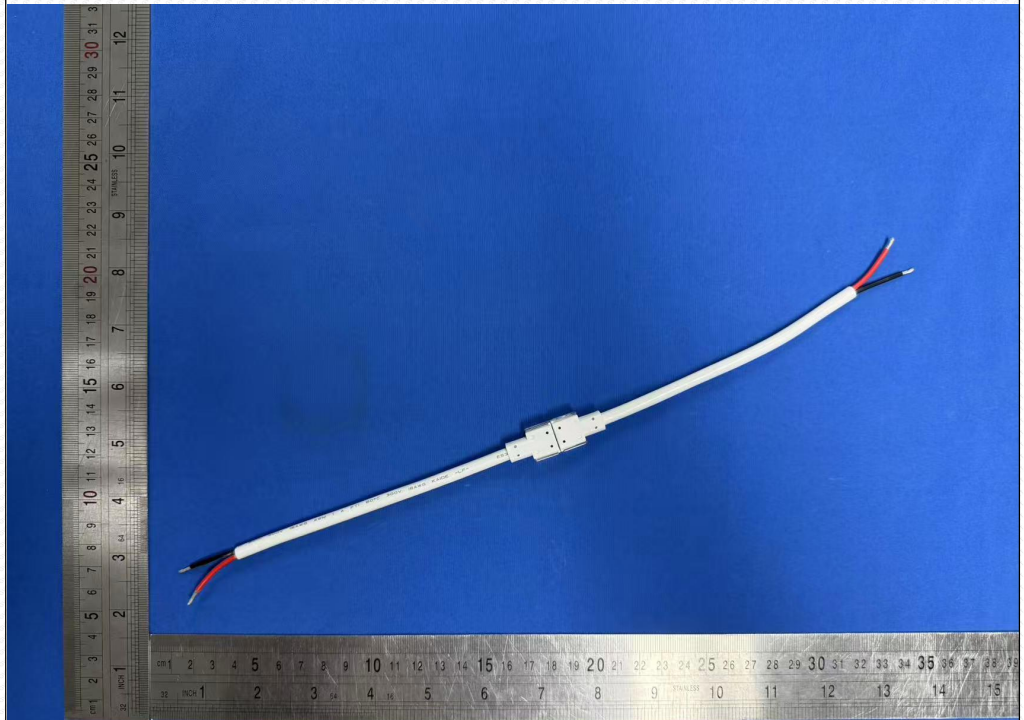
- ☒ front
- ☐ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal



Photo 7

View:

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal

**Photo 8**

View:

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal

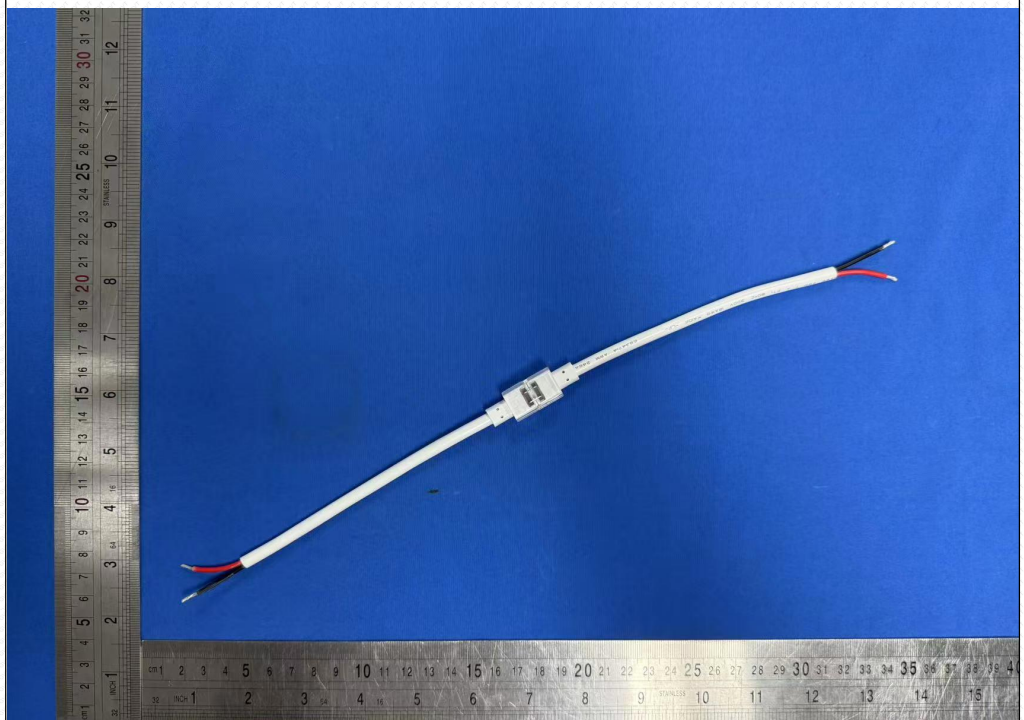


Photo Documentation

IEC 60068-2-1 and IEC 60068-2-2

| Section | Requirement + Test | Result - Remark | Verdict |
|---------|--------------------|-----------------|---------|
|---------|--------------------|-----------------|---------|

| | | | |
|-----------------------|---|-----------------------|---|
| High temperature test | <p>Test conditions:</p> <p>(1) Sample status: Normal, Power on and start up</p> <p>(2) Test requirement: 65°C</p> <p>(3) Test time: 48h</p> <p>Test procedure:</p> <p>(1) The sample were pretreated and left at room temperature for 25°C for 2h, Observe whether the sample state and function are normal;</p> <p>(2) Start testing: Place the sample in a constant temperature and humidity testing chamber, and set the testing chamber conditions to 65°C , Run continuously for 48 h under the condition</p> <p>(3) End of test: remove the tested sample from the test box and restore them in room temperature for 2 hours.</p> <p>Requirements:</p> <p>Conduct appearance and assembly inspections, requiring no abnormalities in appearance or assembly;</p> <p>The sample whether work normally after returning to room temperature.</p> | Meet the requirements | P |
|-----------------------|---|-----------------------|---|

Photo Documentation

Photo 1

View: Before the test

- ☒ front
- ☐ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal

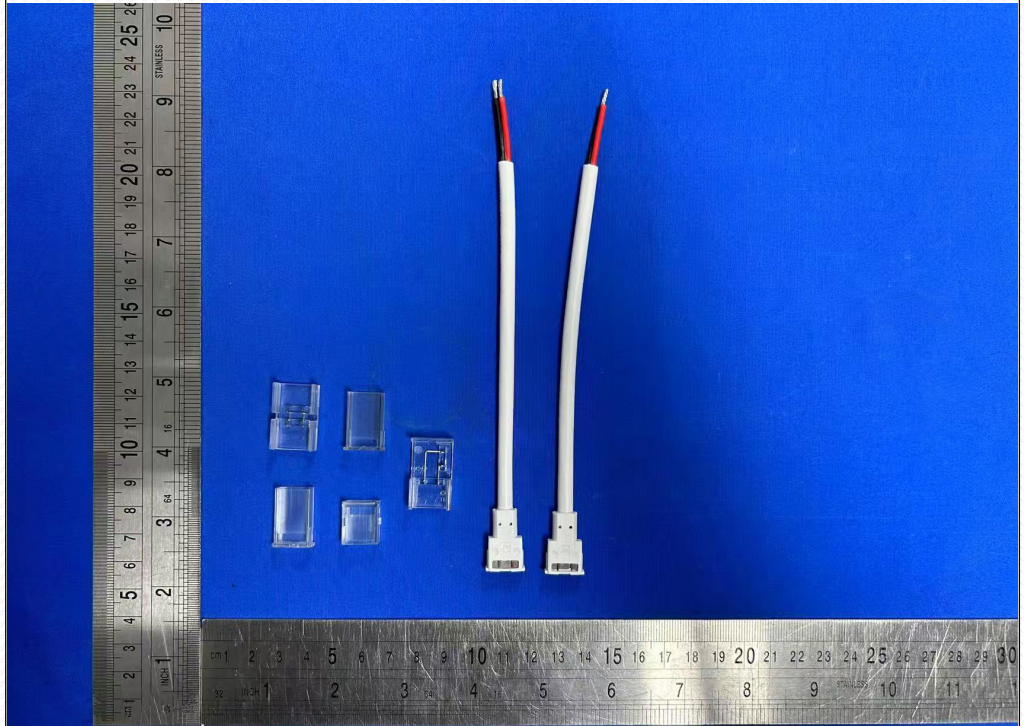


Photo 2

View: Before the test

- ☐ front
- ☒ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal



Photo 3

View: Place
before the test

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal

**Photo 4**

View: Place
before the test

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal



Photo 5

View:
Testing (65°C)

- ☒ front
- ☐ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal

**Photo 6**

View: Test end

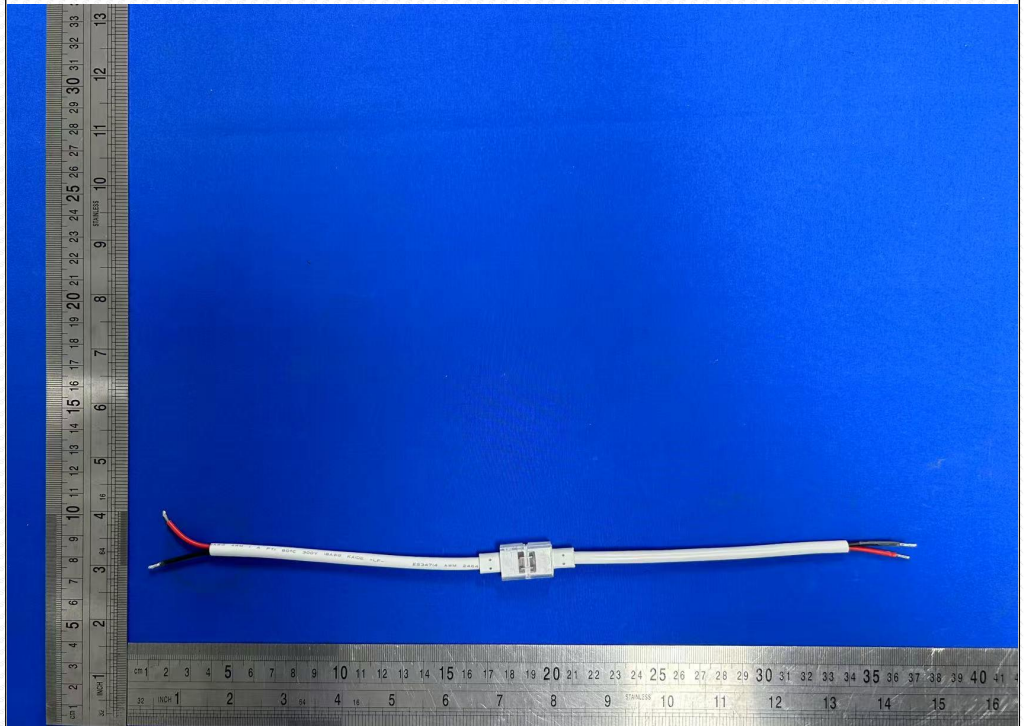
- ☒ front
- ☐ rear
- ☐ right side
- ☐ left side
- ☐ top
- ☐ bottom
- ☐ internal



Photo 7

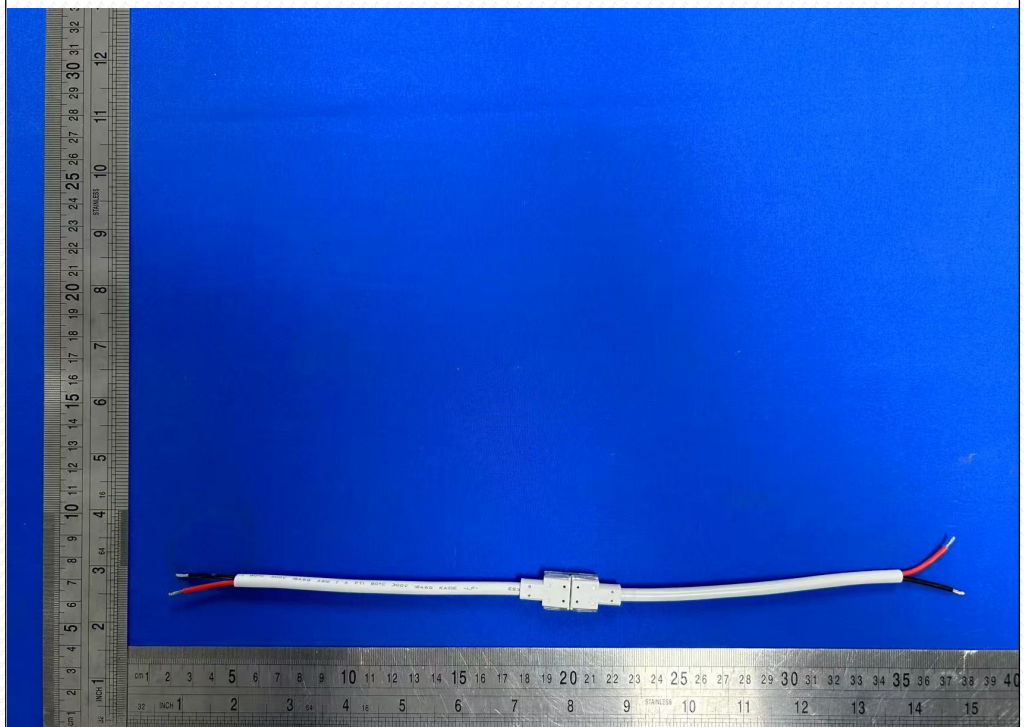
View:
sample status
after tested

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal

**Photo 8**

View:
sample status
after tested

- ☒ front
☐ rear
☐ right side
☐ left side
☐ top
☐ bottom
☐ internal



End of Report