



TEST REPORT

Report No.: LCS210220025AR

Date: 2021.02.25

Page 1 of 8

Applicant : Shenzhen Onlumi Technology Limited
Address : Room 218, 2F, Building D, YouDingQiChuang Area, NO.62, Heping Road, Qinghua Community, Longhua District, Shenzhen, G.D. China

Report on the submitted samples said to be:

Sample Name : Hippo-M LED Strip Connector
Trade Mark : QIJIE
Style No. : SEN5XB-2, SEN8XB-2, SEN10XB-2, SEN10XB-2G, SEN12XB-2G, SEN10XB-3, SEN10XB-4, SEN12XB-5, SEN12XB-6, SEN5BB-2, SEN8BB-2, SEN10BB-2, SEN10BB-2G, SEN12BB-2G, SEN10BB-3, SEN10BB-4, SEN12BB-5, SEN12BB-6, DJN8XB-2, DJN10XB-2, DJN10XB-3, DJN10XB-4, DJN12XB-5, DJN12XB-6, DJN8BB-2, DJN10BB-2, DJN10BB-3, DJN10BB-4, DJN12BB-5, DJN12BB-6, SEN8XB-2G, SEN8BB-2G
Testing Period : February 23, 2021 ~ February 25, 2021
Results : Please refer to next page(s).

| TEST REQUEST | CONCLUSION |
|--|------------|
| According to the customer's request, based on the performed tests on submitted sample, the result of Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), PBBs, PBDEs, Dibutyl Phthalate(DBP), Benzylbutyl Phthalate(BBP), Bis(2-ethylhexyl) Phthalate(DEHP), Diisobutyl phthalate(DIBP) content comply with the limit requirement as set of RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU. | Pass |

Signed for and on behalf of LCS





TEST REPORT

Report No.: LCS210220025AR

Date: 2021.02.25

Page 2 of 8

Results:

Tested part(s):

- (1) Transparent plastic;
- (2) Black plastic;
- (3) Gold metal

Test method:

Lead(Pb) & Cadmium(Cd) Content:

With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Mercury(Hg) Content:

With reference to IEC 62321-4: 2013+AMD1:2017 CSV, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Hexavalent Chromium(Cr(VI)) Content:

With reference to IEC 62321-7-2:2017, by alkaline digestion and analysis was performed by UV-visible spectrophotometer (UV-Vis)

PBBs & PBDEs Content:

With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

DBP, BBP, DEHP, DIBP Content

With reference to IEC 62321-8:2017, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

| Item | Unit | MDL | Results | Limit |
|-------------------------------|--------------------|------|---------|-------|
| | | | (3) | |
| Lead Content(Pb) | mg/kg | 5 | 174 | 1000 |
| Cadmium Content(Cd) | mg/kg | 5 | N.D. | 100 |
| Mercury Content(Hg) | mg/kg | 5 | N.D. | 1000 |
| Hexavalent Chromium(Cr(VI)) ▼ | ug/cm ² | 0.10 | N.D. | - |

Note:

- The sample had been dissolved totally tested for Lead, Mercury and Cadmium.
- MDL = Method Detection Limit
- mg/kg = ppm
- LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 µg/cm²
- N.D.=Not Detected(<MDL or LOQ)
- ▼ = a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13µg/cm². The sample coating is considered to contain Cr(VI)
 b. The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than 0.10ug/cm²). The sample coating is considered a non- Cr(VI) based coating
 c. The result between 0.10µg/cm² and 0.13µg/cm² is considered to be inconclusive, unavoidable coating variations may influence the determination
- Information on storage conditions and production date of the tested samples is unavailable and thus Cr(VI) results represent status of the sample at the time of testing



TEST REPORT

Report No.: LCS210220025AR

Date: 2021.02.25

Page 3 of 8

| Items | Unit | MDL | Results | | Limit |
|---|-------|-----|---------|------|-------|
| | | | (1) | (2) | |
| Lead Content (Pb) | mg/kg | 5 | 11 | N.D. | 1000 |
| Cadmium Content (Cd) | mg/kg | 5 | N.D. | N.D. | 100 |
| Mercury Content (Hg) | mg/kg | 5 | N.D. | N.D. | 1000 |
| Hexavalent Chromium (Cr(VI)) | mg/kg | 5 | N.D. | N.D. | 1000 |
| Dibutyl Phthalate(DBP) | mg/kg | 100 | N.D. | N.D. | 1000 |
| Benzylbutyl Phthalate(BBP) | mg/kg | 100 | N.D. | N.D. | 1000 |
| Bis(2-ethylhexyl) Phthalate(DEHP) | mg/kg | 100 | N.D. | N.D. | 1000 |
| Diisobutyl phthalate(DIBP) | mg/kg | 100 | N.D. | N.D. | 1000 |
| Polybrominated Biphenyls | | | | | |
| Monobromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Dibromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Tribromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Tetrabromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Pentabromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Hexabromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Heptabromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Octabromobiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Nonabromodiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Decabromodiphenyl | mg/kg | 5 | N.D. | N.D. | |
| Total content | mg/kg | / | N.D. | N.D. | 1000 |
| Polybrominated Diphenylethers (Mon-Deca) | | | | | |
| Monobromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Dibromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Tribromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Tetrabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Pentabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Hexabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Heptabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Octabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Nonabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Decabromodiphenyl ether | mg/kg | 5 | N.D. | N.D. | |
| Total content | mg/kg | / | N.D. | N.D. | 1000 |

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- Flow chart appendix is included.
- Photo appendix is included.



TEST REPORT

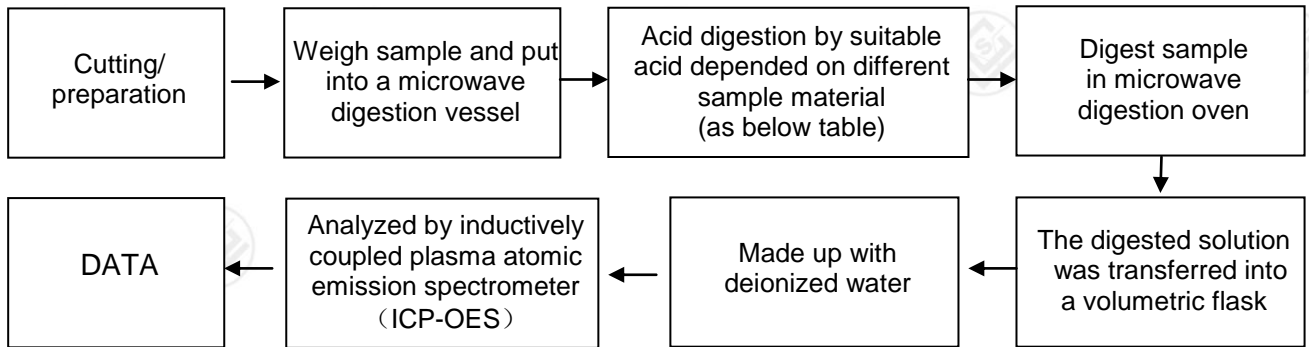
Report No.: LCS210220025AR

Date: 2021.02.25

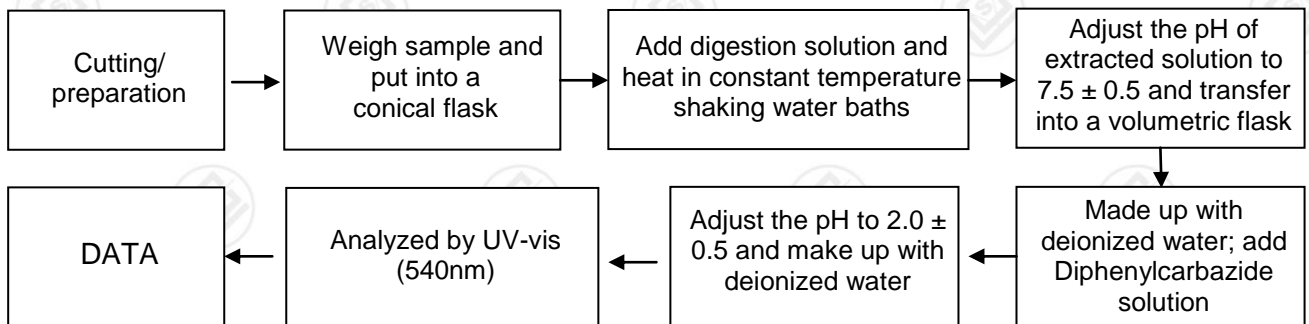
Page 4 of 8

Appendix

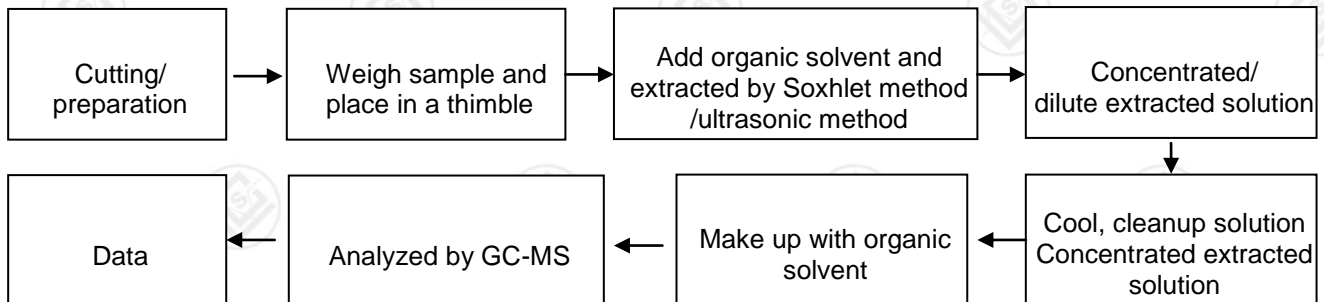
1. Test Flow chart for Cd/Pb/Hg content



2. Test Flowchart for Cr(VI) content (For non-metal material)



3. Test Flow chart for PBBs & PBDEs & DBP & BBP & DEHP & DIBP content





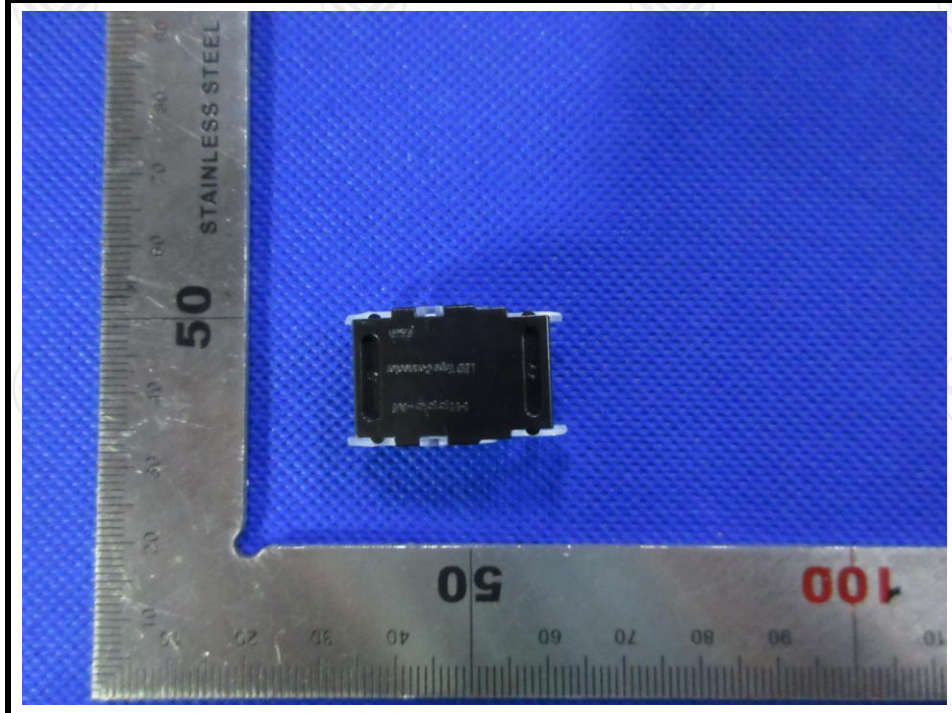
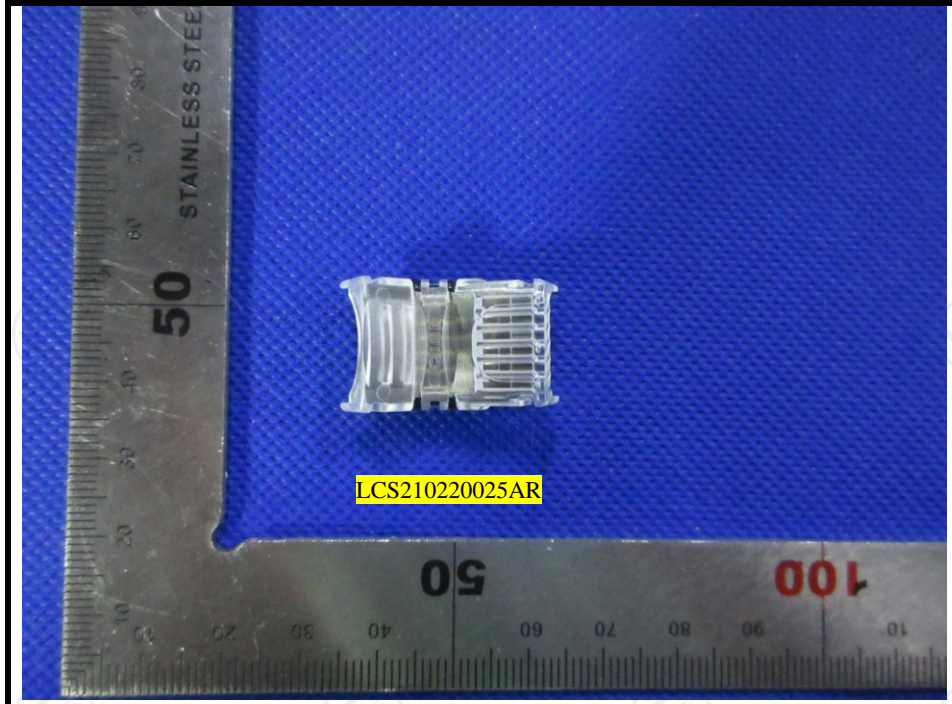
TEST REPORT

Report No.: LCS210220025AR

Date: 2021.02.25

Page 5 of 8

The photo of the sample



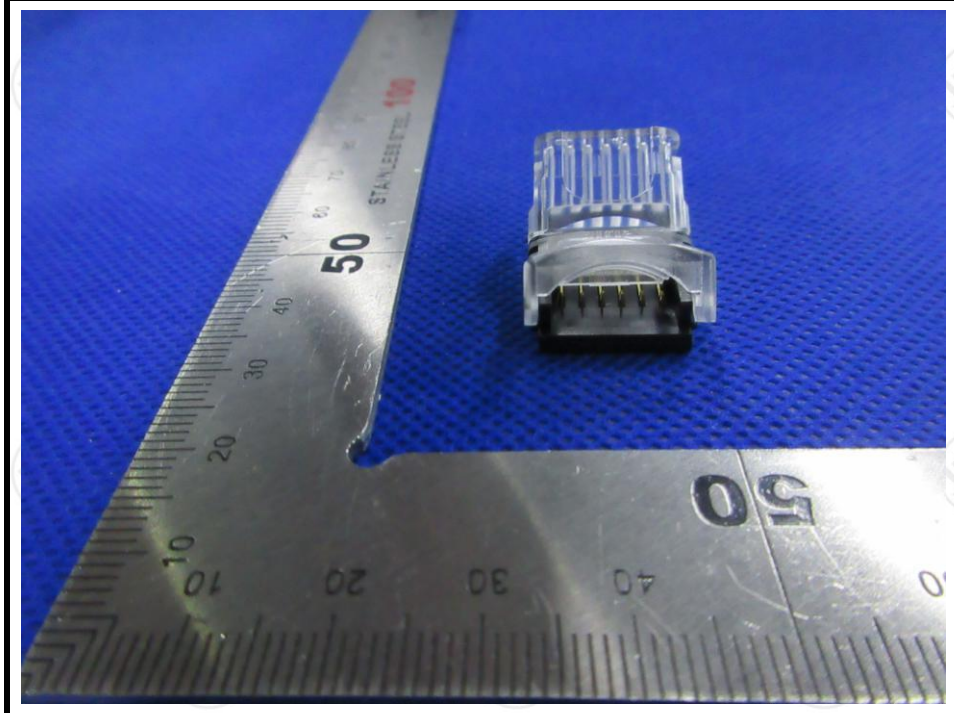
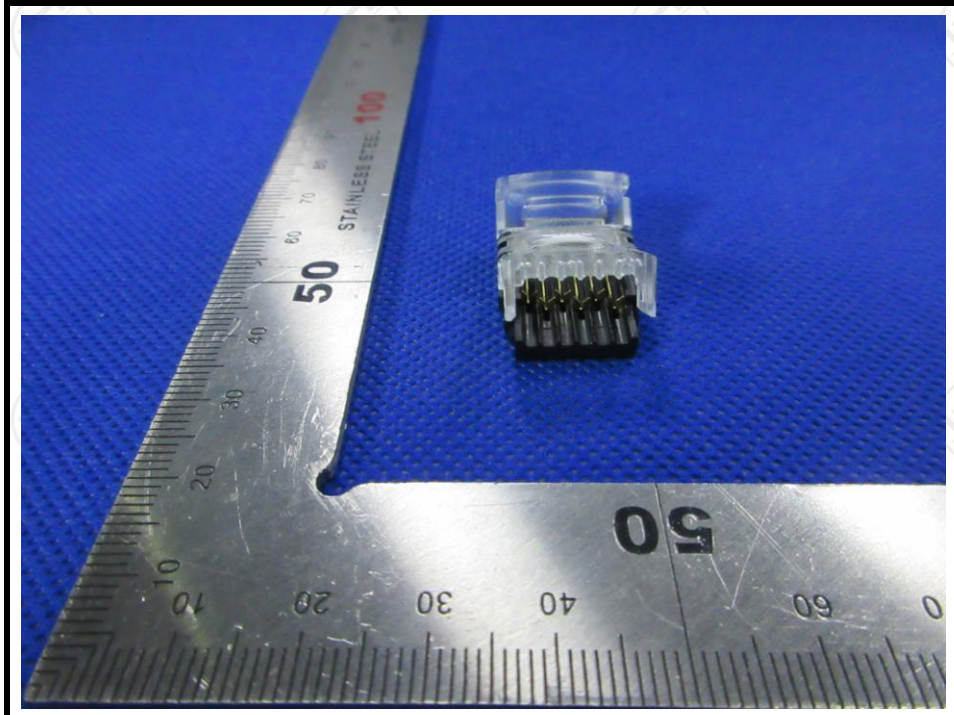


TEST REPORT

Report No.: LCS210220025AR

Date: 2021.02.25

Page 6 of 8



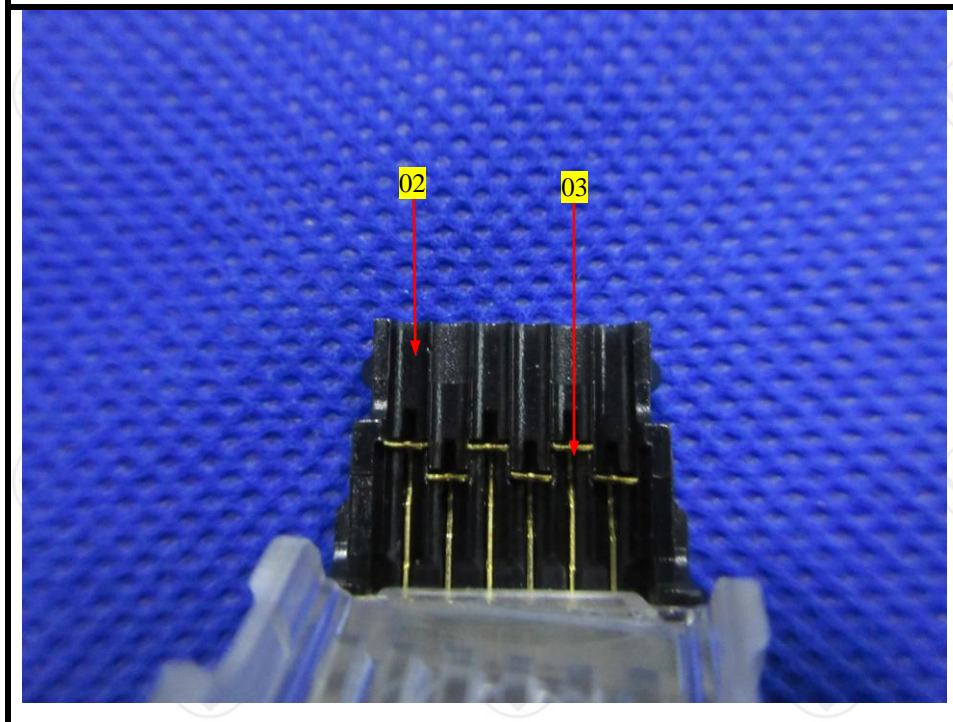
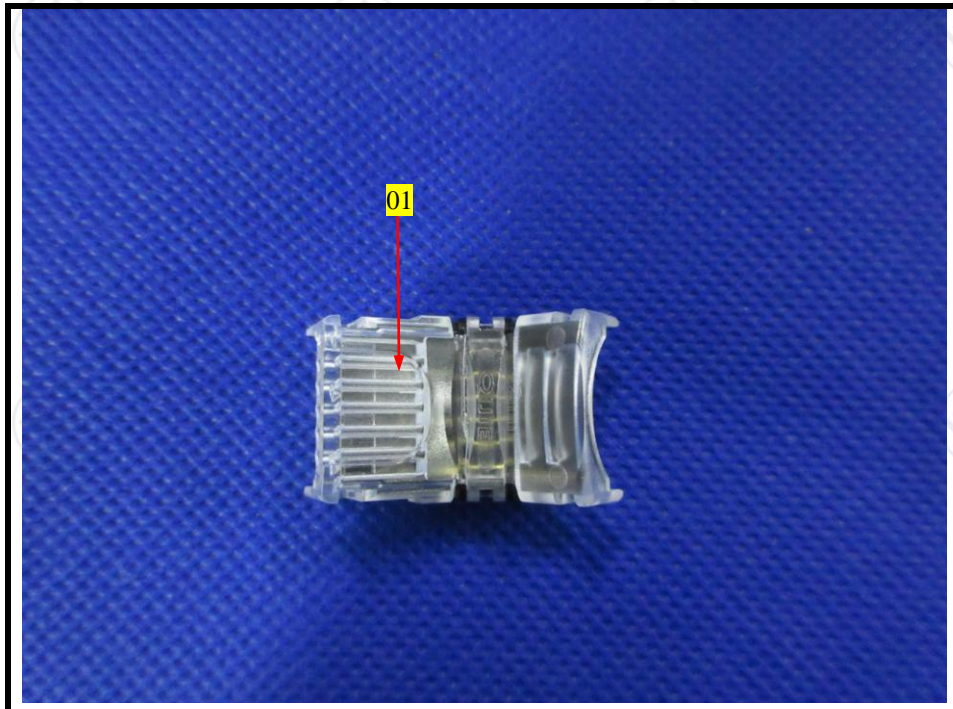


TEST REPORT

Report No.: LCS210220025AR

Date: 2021.02.25

Page 7 of 8



***** End of Report *****



TEST REPORT

Report No.: LCS210220025AR

Date: 2021.02.25

Page 8 of 8

Statement:

1. The test report is considered invalidated without approval signature, special seal on the perforation.
2. The result(s) shown in this report refer only to the sample(s) tested.
3. Without written approval of LCS, this report can't be reproduced except in full.
4. The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which LCS hasn't verified.
5. In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.