



CMA Testing and Certification Laboratories

廠商會檢定中心

TEST REPORT

Report No. : AV0040852(8) Date : 20 Jul 2017

Application No. : LV020264(3)

Applicant : Labworks International Design Ltd
Unit 2, 9/F, Block A, Yee Lim Industrial Building,
2-28 Kwai Lok Street, Kwai Chung

Sample Description : Six (6) items of submitted samples stated to be

Sample Description

Model No

Catalyst case for Airpods – Army Green	CATAPDGRN
Catalyst case for Airpods – Frost White	CATAPDWHT
Catalyst case for Airpods – Glow in the Dark	CATAPDGITD
Catalyst case for Airpods – Slate Gray	CATAPDGRY
Catalyst case for Airpods – Blueridge / Sunset	CATAPDTBFC
Catalyst case for Airpods – Deep Plum	CATAPDPPL

Date Received : 27 Jun 2017

Test Period : 27 Jun 2017 to 20 Jul 2017

Test Requested : a) Test for protection against solid foreign objects by the first characteristic numeral 6 (IP6X)
b) Test for protection against water by the second characteristic numeral 7 (IPX7)

Test Method : As specified in sub-clause 13.4, 13.6 and 14.2.7 of IEC 60529:1989 + A2:2013

Test Result : See attached sheets

Conclusion : Base on the test results of the submitted sample, the submitted sample was complied with the tests requested.

For and on behalf of
CMA Industrial Development Foundation Limited

Authorized Signature: _____

Mr. CHENG Chung yee, John
Assistant Manager
Electrical Division

Page 1 of 4



CMA Testing and Certification Laboratories

廠商會檢定中心

TEST REPORT

Report No. : AV0040852(8)

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TEST RESULT:

- a) Test for protection against solid foreign objects by the first characteristic numeral 6 by using dust chamber (IP6X).

Test conditions:

- Placed into the Dust Proof Chamber, the quality of talcum powder used for the test shall be 2kg/m^3 .
- Connected to a vacuum pump which maintains the air pressure inside the samples below atmospheric air pressure, the differential pressure is 2kPa.
- The extraction rate is less than 40 volumes per hour
- The test duration is 8h.

Observation:

- No dust is observable inside the Airpod case with dummy Airpod.

- b) Test for protection against water by the second characteristic numeral 7 with immersion tank (IPX7).

Test conditions:

- Immersed in water tank with water pressure of at least 1 m head of water.
- The test duration is 30 min.
- The water temperature does not differ from that of the equipment by more than 5K.

Observation:

- No water was found inside the Airpod case with dummy Airpod.



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Appendix A

Photos of sample before test:



Test Sample



CATAPDGRN and CATAPDWHIT



CATAPDGRN



CATAPDGRN



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Appendix B

Photo of sample after test:



IP6X



IPX7

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