

Test Report



Report No. A2190223226101

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Applicant GradConn Ltd

Address 139 Wuhan Road , Longtan District ,Taoyuan City ,Taiwan 32549

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name RFCT-BNC-CAP-GS-2,RFCT-N-CAP-GS-1,RFCT-TNC-CAP-GS-2,RFCT-SMA-CAP-GS-1
Type cap
Sample Receiving State Normal
Sample Received Date Aug. 27, 2019
Testing Period Aug. 27, 2019-Sep. 2, 2019

Test Requested

No.	Test Item
1	IPX7
2	IP6X

Test Result(s): Please see the following pages.

Approved by Roger Xiao

Date Sep. 2, 2019

Roger xiao
Approved Signatory

No. RD14CD064B

Centre Testing International Group Co., Ltd.

Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China



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Tested Sample(s)

Sample No.	Sample Name	Type	Quantity
A2190223226101001	RFCT-BNC-CAP-GS-2,RFCT-N-CAP-GS-1,RFCT-TNC-CAP-GS-2,RFCT-SMA-CAP-GS-1	cap	1pc

Sample Photo(s)



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Test Item1: IPX7

1. Test Equipment

Equipment Name	Model
Waterproof grade testing machine	JX1040

2. Environmental Conditions

Temperature: 25°C; Humidity:45% RH

3. Test Standard: IEC 60529:2013

4. Test Condition

The lowest point of the sample is located 1000 mm below the surface of the water.

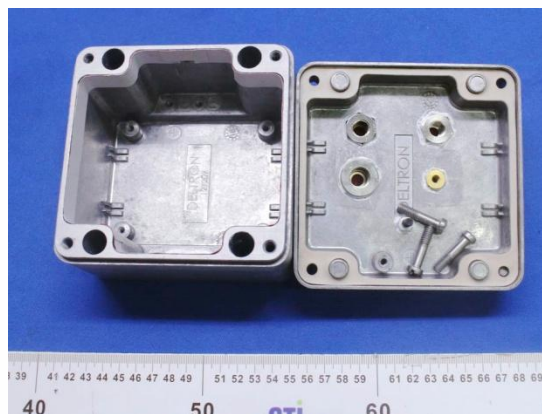
The highest point of the sample is located 150 mm below the surface of the water.

Test duration: 30min

5. Test Result(s)

Sample No.	Criterion	Test result (Visual inspection)	Conclusion
A2190223226101001	No water entry	No water enters the inside of the sample	Pass

Sample Photo(s) after the test



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Test Item2: IP6X

1. Test Equipment

Equipment Name	Model
Test probe	Φ1.0mm
Dust Tester	KXT1410

2. Environmental Conditions

Temperature: 25 °C; Humidity: 45% RH

3. Test Standard: IEC 60529:2013

4. Test Condition

1. Using a test probe with a diameter of 1 mm, apply a force of 1 N to probe the gap portion of the sample.

2. Put the sample under negative pressure (extraction rate: 864mL/min, 40~60 times of shell volume per hour; pressure inside the shell and atmospheric pressure: 0.5 kPa) and put it in a dust test chamber containing 2kg/m³ talcum powder. in.

3. Test time: 2 hours.

5. Test Result(s)

Sample No.	Criterion	Test result(Visual inspection)	Conclusion
A219022322610100101	The test probe cannot enter the inside of the sample, and the inside of the sample is dust-free.	The test probe cannot enter the inside of the sample, and the inside of the sample is dust-free.	Pass

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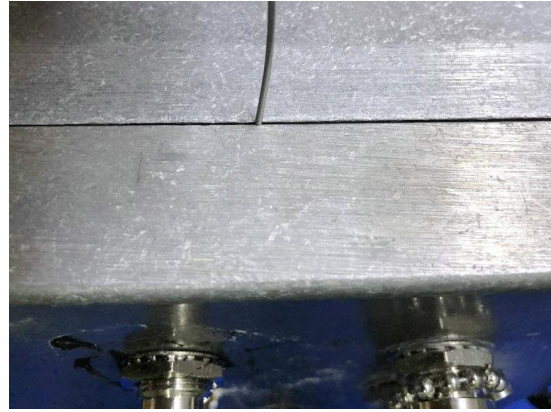
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Test Photo(s)



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Sample Photo(s) after the test



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Remark: The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

*** End of Report ***

Statement:

- 1.This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2.The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;
- 3.The result(s) shown in this report refer(s) only to the sample(s) tested;
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- 5.In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.