

Test Report

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Applicant Name: H.T.P. High Tech Products S.R.L.

Applicant Address: Via Lesina 45-24030 Brembate di Sopra(BG)-Italy

Sample Information:

Sample Name: Connector

Sample No.: ZTW191022001-017

Sample Model: DECHI series

Amount of Sample: 1set

Sample Description: Normal

Test Information:

Test Item: IP67

Test Standard: GB 4208-2008

Sample Received Date: October 22, 2019

Sample Tested Date: October 23, 2019-October 28, 2019

Test Results:

See page 2 and page 3 please.

Approved by:

Test Engineer: Hardy

Disclaimer: This report is responsible only for those who are Received sample and without Test Report Stamp is invalided. Shenzhen Zhongtian Testing Technology Co.,Ltd Tel:+(86)755-8611 6558 E-mail:info@ztt-cert.com

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http://www.ztt-cert.com



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Test Item 1: IP6X

1.1 Test environment:

Temperature: $(23 \pm 5)^{\circ}$; Humidity: $(50 \pm 10)^{\circ}$ RH

1.2 Test sample:

Sample Name	Sample No.	Sample Model	Amount of Sample
Connector	ZTW191022001-017	DECHI series	1set

1.3 Test equipment:

Equipment Name	Equipment Model	
Dust chamber	XR-SC225	

1.4 Test standard: GB 4208-2008

1.5 Test Description:

- (1)Test needle with diameter of 1mm is placed close to the enclosure of the sample to see if it can enter the enclosure gap.
- (2)Place the sample into the dust chamber and the pressure in the sample is kept below atmosphere pressure by a vacuum pump;talc powder content in the chamber is $2kg/m^3$;
- (3)Use pressure difference to pump air into the equipment and the pressure difference is no more than 2KPa;pumping speed is below 40 enclosure volume per hour and the testing time is 8 hours;
- (4)After test check if there is ingress of dust inside the enclosure of the sample.

1.6 Test result:

Test item	Sample No.	Test result
IP6X	ZTW191022001-017	The needle with diameter of 1mm can not enter the enclosure gap of the sample;no ingress of dust observable inside the
		enclosure of the sample.



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Test Item 2:IPX7

2.1 Test environment:

Temperature: $(23 \pm 5)^{\circ}$; Humidity: $(50 \pm 10)^{\circ}$ RH

2.2 Test sample:

Sample Name	Sample No.	Sample Model	Amount of Sample
Connector	ZTW191022001-017	DECHI series	1set

2.3 Equipment of test:

Equipment Name	Equipment Model	
Pool		

2.4 Standard of test: GB 4208-2008

2.5 Test Description:

- (1)Place the sample in the pool and keep the bottom of the sample from the water surface 1000mm;
- (2) Testing time is 30 minutes;
- (3) After test check if there is infiltration of water inside the sample.

2.6 Test result:

Test item	Sample No.	Test result
IPX7	ZTW191022001-017 No infiltration of water observable inside enclosure of the sample.	



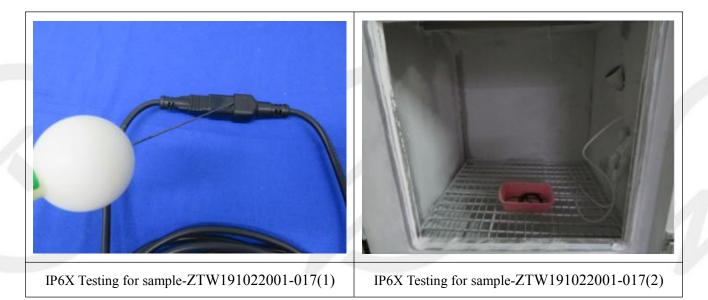
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Appendix: Test photos

Before test



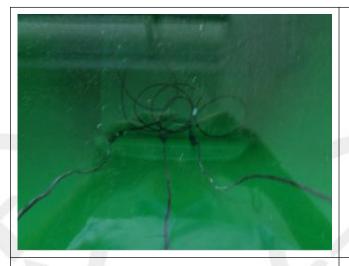
During testing



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IPX7 Testing for sample-ZTW191022001-017

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After test



After IP 6X Test-Sample-ZTW191022001-017(1)

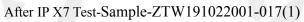


After IP 6X Test-Sample-ZTW191022001-017(2)



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After IP X7 Test-Sample-ZTW191022001-017(2)

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