



# Test Report

Report No: ZTWBG191022001-0005E

Date: October 28, 2019

Page 1 of 6

**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.

Report Stamp:



Approved by:

Gordon

Test Engineer:

Hardy

Disclaimer: This report is responsible only for those who are Received sample and without Test Report Stamp is invalided.

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**Test Item 1: IP6X****1.1 Test environment:**

Temperature:(23 ± 5) °C; Humidity:(50 ± 10)%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<sup>3</sup>;
- (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.

**Test Item 2:IPX7****2.1 Test environment:**

Temperature:(23±5)°C;Humidity:(50±10)%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 the enclosure of the sample.





Report No: ZTWBG191022001-0005E

Date: October 28, 2019

Page 4 of 6

## Appendix: Test photos

Before test

	
<p>Sample(ZTW191022001-017)</p>	<p>/</p>

During testing

	
<p>IP6X Testing for sample-ZTW191022001-017(1)</p>	<p>IP6X Testing for sample-ZTW191022001-017(2)</p>





Report No: ZTWBG191022001-0005E

Date: October 28, 2019

Page 5 of 6

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IPX7 Testing for sample-ZTW191022001-017	/

After test

	
After IP 6X Test-Sample-ZTW191022001-017(1)	After IP 6X Test-Sample-ZTW191022001-017(2)





Report No: ZTWBG191022001-0005E

Date: October 28, 2019

Page 6 of 6



After IP X7 Test-Sample-ZTW191022001-017(1)



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

—————**End of report**—————