



## Technical Construction File

No. TLZJ21081032821

Date: 2021/08/17

The following sample(s) was/were submitted and identified by the client as:

Applicant	: Yueqing Jixiang Connector Co.,Ltd.
Address	: Building 5-2, BoTong HuiGu Small and Micro Garden, No.66, BinHai South Fourth Road, Yueqing Economic Development Zone, Yueqing City, Zhejiang Province, China
Sample Description	: Metal Waterproof Vent Plug
Style/Item No.	: M, PG
Sample Receiving Date	: August 10, 2021
Testing Period	: August 10, 2021 to August 17, 2021
Testing Performed	: SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Result(s)	: FOR FUTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)
Conclusion	: THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT

For and on behalf of

Shanghai Global Testing Services Co., Ltd.

Authorized Signature



Shi Lei/Kevin

General Manger -GTS/SHO

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### **Test Result :**

Test area-product area: 0.34cm<sup>2</sup>

Test thickness: 0.083mm

Vapor Flow: Water vapor

Performed in the conditioned room (23±2°C-55%±4)

Item	Method	Result
Water Vapor transmsion(ml/min@70mbar)	EN ISO 9237-1995	1785

Note: 1. The test specimen was provided by the client

### **Test Item: IP6X Dust proof**

**Test Method:** EN 60529:1991+A1:2000+A2:2013 Degrees of protection provided by enclosures

**Test Setup:** Dust-proof chamber, Model No. SC-010

**Environment:** 24°C, 53%RH, 103kPa

**Test Conditions:** 1) Maximum depression : 2kPa.  
2) Test period: 8 hours  
3) Extraction rate: 40 volumes per hour

### **Test Result:**

Sample Name	Test Results
Metal Waterproof Vent Plug	No dust observed inside the test sample

### **Test Item: IPX8 Water proof**

**Test Method:** EN 60529:1991+A1:2000+A2:2013 Degrees of protection provided by enclosures

**Test setup:** Water proof test apparatus, No. IPX1-8

**Environment:** 26°C, 53%RH, 103.5kPa

**Test Conditions:** 1) Depth of water: 1m  
2) Test period: 1h

### **Test Result:**

Sample Name	Test Results
Metal Waterproof Vent Plug	No water entered the cavity of sample after this test

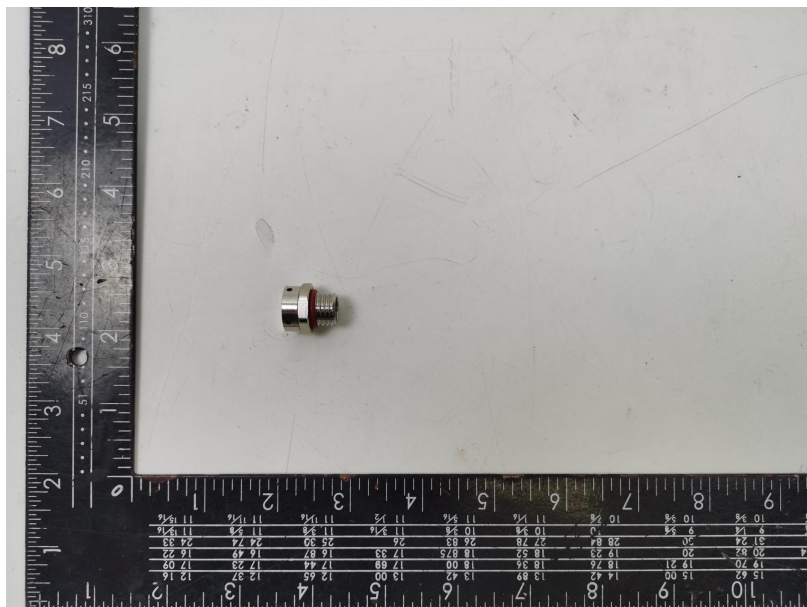
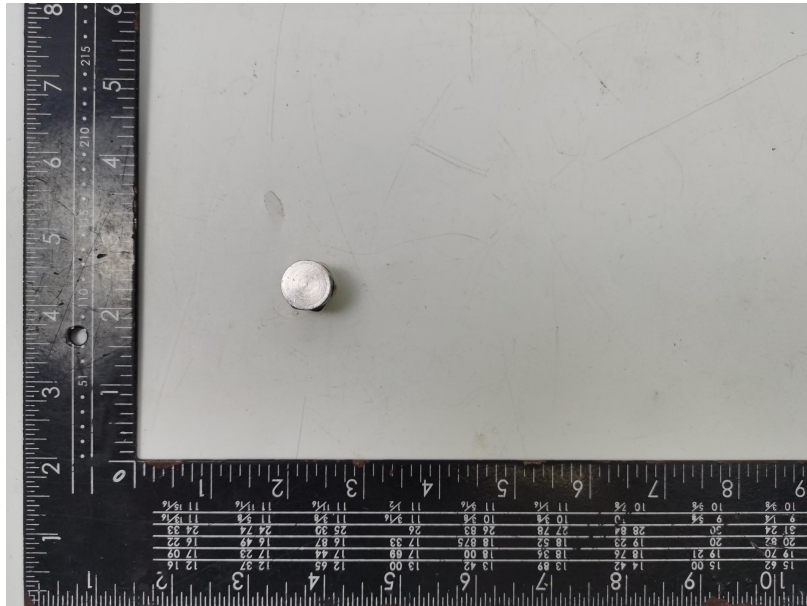


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Sample Photo:

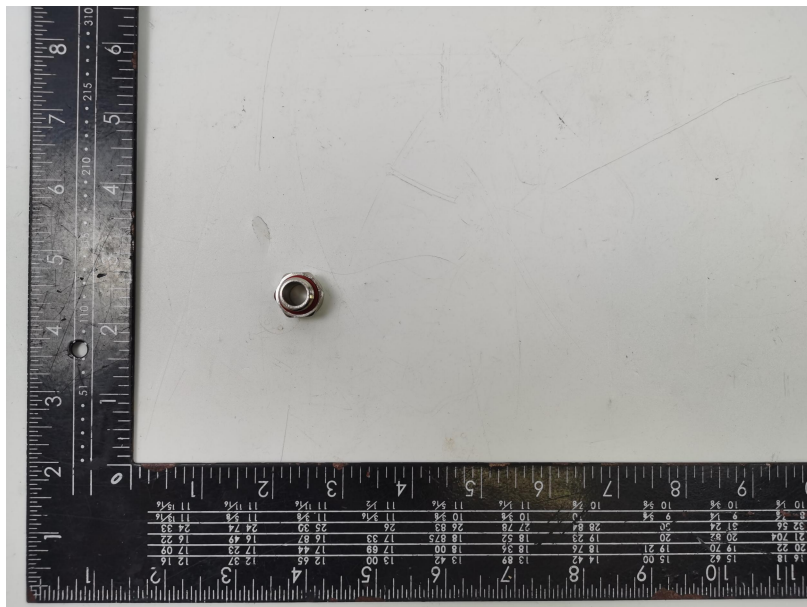




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\*\*\*\*\*End of Report\*\*\*\*\*