

# Test Report

Report No. A225055325110100111

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Company Name PCBWay

Shown on Report

Address ROOM 1105-1108, NO. 2 BUILDING, EST MALL BUSINESS CENTER,  
NO. 698 CHANGBANG ROAD, XIACHENG DISTRICT, 310004,  
HANGZHOU, CHINA

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

Sample Name	sample1
Material	pcb
Sample Received Date	Aug. 4, 2025
Testing Period	Aug. 4, 2025-Aug. 19, 2025

**Test Requested**

No.	Test Item
1	Porosity

**Test Result(s):** Please see the following pages.Approved by Annie LangDate Aug. 19, 2025Annie Lang  
Approved Signatory  
Centre Testing International Group Co., Ltd.No. RDBB46D599  
Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

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Tested Sample(s)

Sample No.	Sample Name	Material
A2250553251101001	sample1	pcb

Sample Photo(s)



A2250553251101001

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**Test Item: Porosity****1. Test Equipment**

Equipment Name	Model
Digital-tool Microscope	VHX-S650E

**2. Environmental Conditions**

Temperature:22.3 °C; Humidity:51 %RH

**3. Test Standard: IPC-TM-650 2.3.24.2A****4. Test Condition**

(1) Add fresh HNO<sub>3</sub>(70±1%) to the bottom of the clean and dry test chamber, and immediately close the cover. After 30 min, cleaning the samples into containers. The exposure time to nitric acid vapor shall be 60 min.

(2) Dipping samples in 10% NaOH at room temperature for 25~30 seconds and water rinse.

(3) Dipping samples in the solution of polysulfide reagent for 25~30 seconds and water rinse.

(4) After drying measure the size of corrosion products.

**5. Test Result(s)**

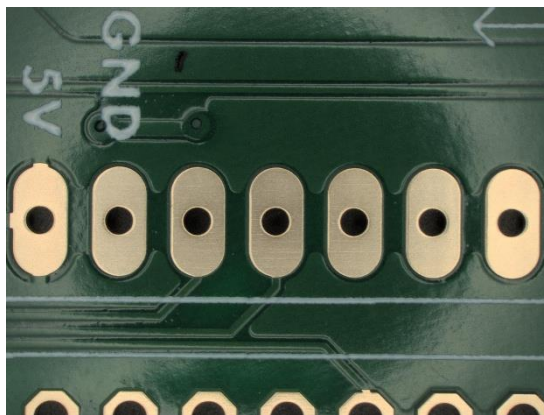
Test sample	Corrosion product diameter ( unit: mm )	Amount of corrosion product(black) (unit: pcs)
A2250553251101001	D≤0.05	0
	A18040010 0.05< D<0.51	0
	A18040010 0.51≤ D	0

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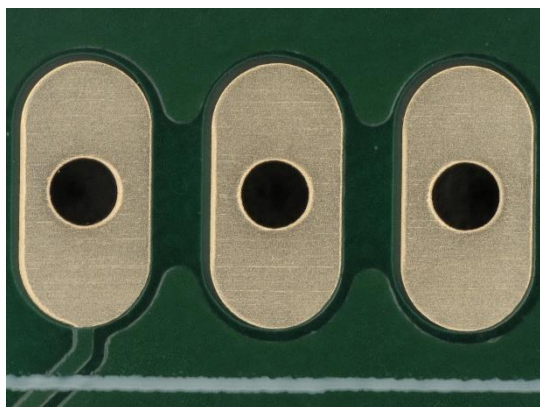
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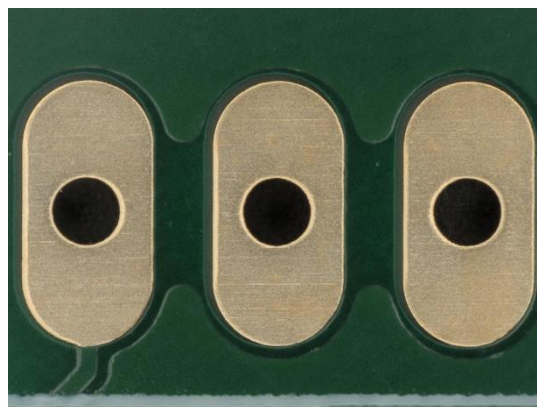
Test photos:



Test position



Typical photo(s) of sample  
A2250553251101001 before test(30X)



Typical photo(s) of sample  
A2250553251101001 after test(30X)

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

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Statement:

- 1.This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2.Company Name and Address shown on Report, the sample(s) and sample Information was/were provided by the applicant 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;
- 4.Without written approval of CTI, this report can't be reproduced except in full;
- 5.In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.

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

