

Test Report

Report No. A224067456610100111

Page 1 of 5

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 Oct. 31, 2024
Testing Period Oct. 31, 2024-Nov. 18, 2024

Test Requested

No.	Test Item
1	Porosity

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

Approved by Annie Lang

Date Nov. 18, 2024



Annie Lang
Approved Signatory

No. RBE474E30D

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

Test Report

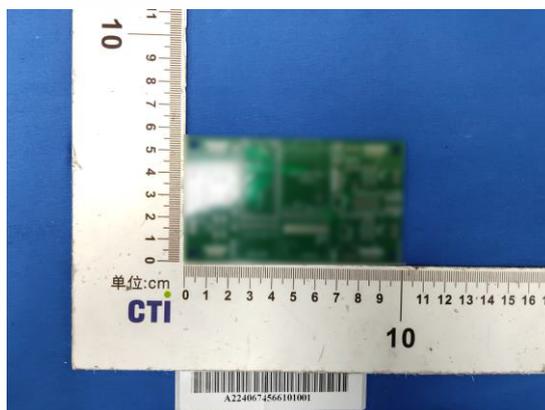
Report No. A224067456610100111

Page 2 of 5

Tested Sample(s)

Sample No.	Sample Name	Material
A2240674566101001	sample1	pcb

Sample Photo(s)



A2240674566101001

Test Report

Report No. A224067456610100111

Page 3 of 5

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

Equipment Name	Model
Digital-tool Microscope	VHX-5000

2. Environmental Conditions

Temperature: 22.7°C; Humidity: 53%RH

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

(1) Add fresh HNO₃(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)

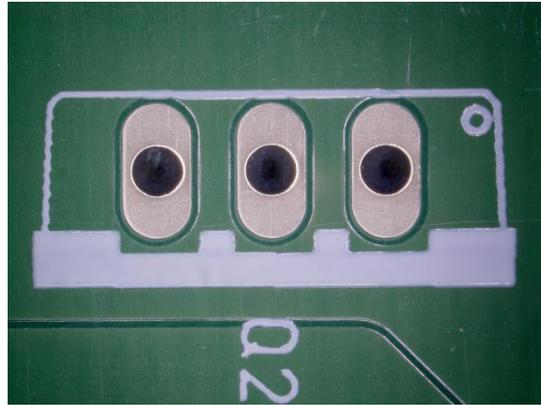
Test sample	(unit: mm) Corrosion product diameter (unit: mm)	Amount of corrosion product(black) (unit: pcs)
A2240674566101001	$D \leq 0.05$	0
	$0.05 < D < 0.51$	0
	$0.51 \leq D$	0

Test Report

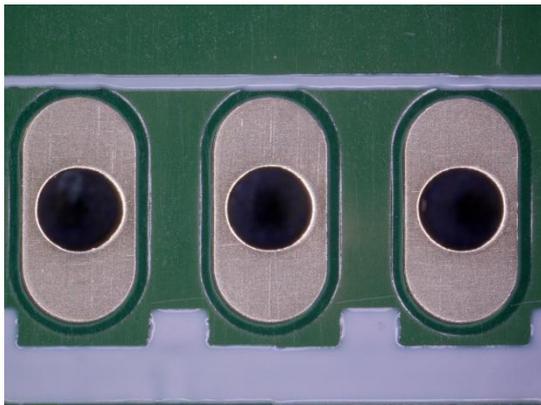
Report No. A224067456610100111

Page 4 of 5

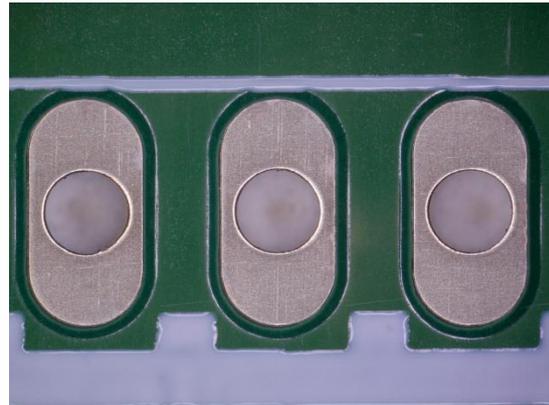
Test photos:



Test position



Photo(s) of sample A2240674566101001 before test(50X)



Photo(s) of sample A2240674566101001 after test(50X)

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

华测检测
CHINA
CTI
2019.03.15

Test Report

Report No. A224067456610100111

Page 5 of 5

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 ***

