

Test Report



Report No. A223036704410100111

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Company Name
Shown on Report SHENZHEN JDB TECH. CO. LTD.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	2layers PCB
Material	pcb
Sample Received Date	Jul. 24, 2023
Testing Period	Jul. 24, 2023-Aug.2, 2023

Test Requested

No.	Test Item
1	Porosity

Test Result(s): Please see the following pages.Approved by Annie LangDate Aug. 18, 2023

Annie Lang
Approved Signatory
Centre Testing International Group Co., Ltd.

No. RDAAD41CF3
Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China



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Tested Sample(s)

Sample No.	Sample Name	Material
A2230367044101001	2layers PCB	pcb

Sample Photo(s)



A2230367044101001

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Test Item: Porosity

1. Test Equipment

Equipment Name	Model
Digital-tool Microscope	VHX-5000

2. Environmental Conditions

Temperature: 23.3℃; Humidity: 53% RH

3. Test Standard: IPC-TM-650 2.3.24.2A

4. Test Conditions

(1) Add fresh $\text{HNO}_3(70\pm1\%)$ 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)

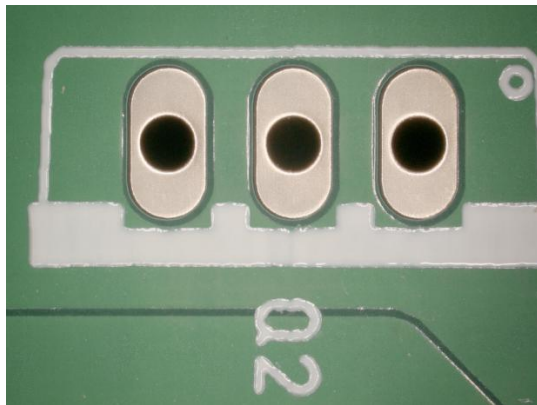
Test sample	Corrosion product diameter (unit: mm)	Amount of corrosion product(black) (unit: pcs)
A2230367044101001	$D\leq 0.05$	0
	A18040010 $0.05 < D < 0.51$	0
	A18040010 $0.51 \leq D$	0

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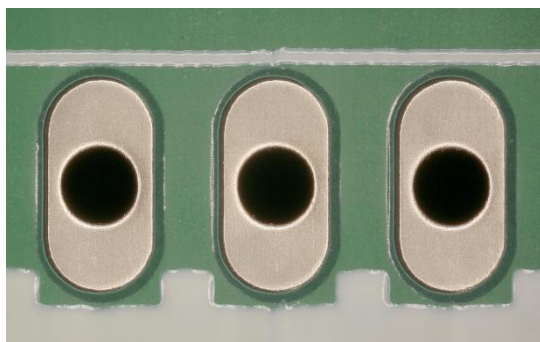
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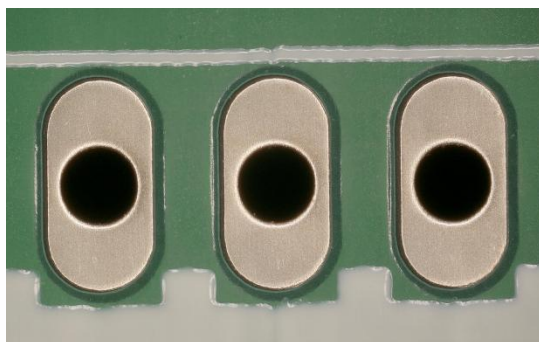
Test photos:



Test position



Photo(s) of sample
A2230367044101001 before test(50X)



Photo(s) of sample A2230367044101001 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.

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 ***

有限公司