

Test Report

Report No. A225055325110100113

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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	Micro cross section inspection(OM)

Test Result(s): Please see the following pages.Approved by Annie LangDate Aug. 19, 2025

Annie Lang

Approved Signatory



No. RDBB46D599

Centre Testing International Group Co., Ltd. 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: Micro cross section inspection(OM)

1. Test Equipment

Equipment Name	Model
Metallographic Microscope	Axio Imager.A2m

2. Environmental Conditions

Temperature: 23.6°C; Humidity: 48%RH

3. Test Standard: IPC-TM-650 2.1.1F, According to the customer's requirements

4. Test Condition

According to the standard method for processing sample(s), after grinding, polishing and etching, put sample(s) on sample-stand of metallographic microscope to observe structure and measurement.

5. Test Result(s)

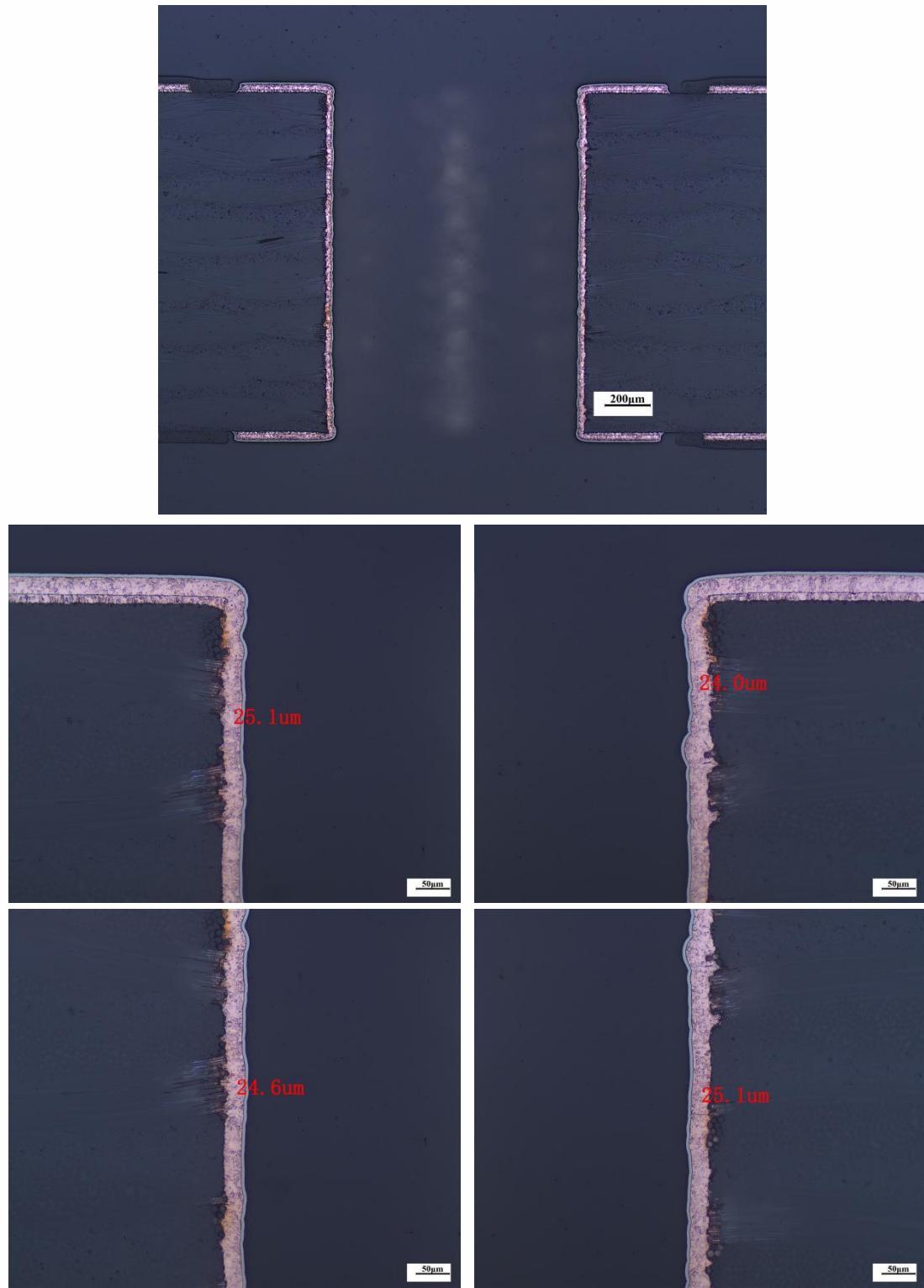
Test Sample	Project	Test Results (μm)						
		1	2	3	4	5	6	Avg.
A2250553251101001	Hole Copper	25.1	24.0	24.6	25.1	24.6	26.2	24.9
	Surface Copper	39.3	38.8	36.6	37.7	38.8	/	38.2
	Solder Mask	Base Material		49.1				
		Copper Surface		28.4				
		Corner		32.5				

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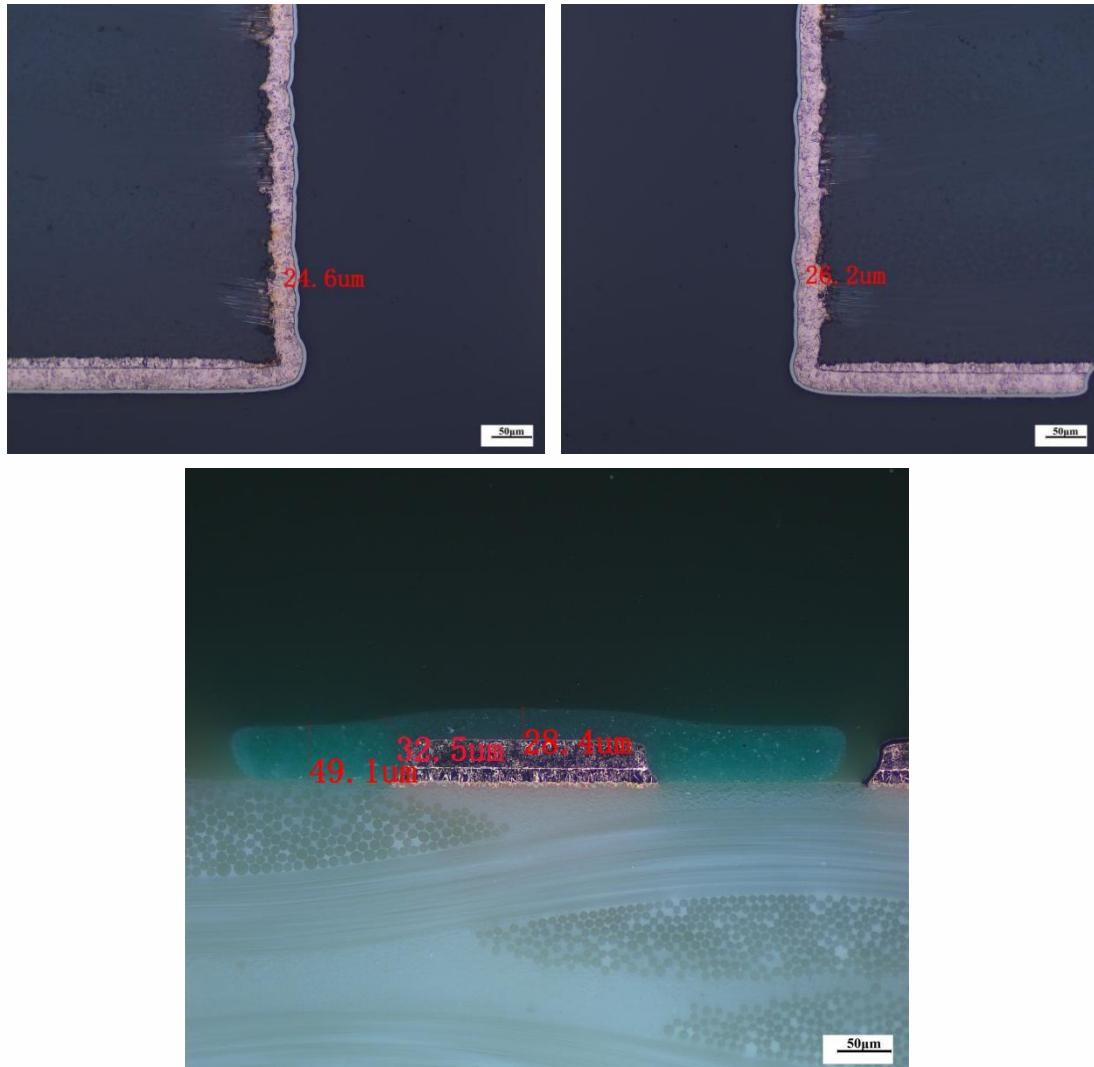
Test Photos:



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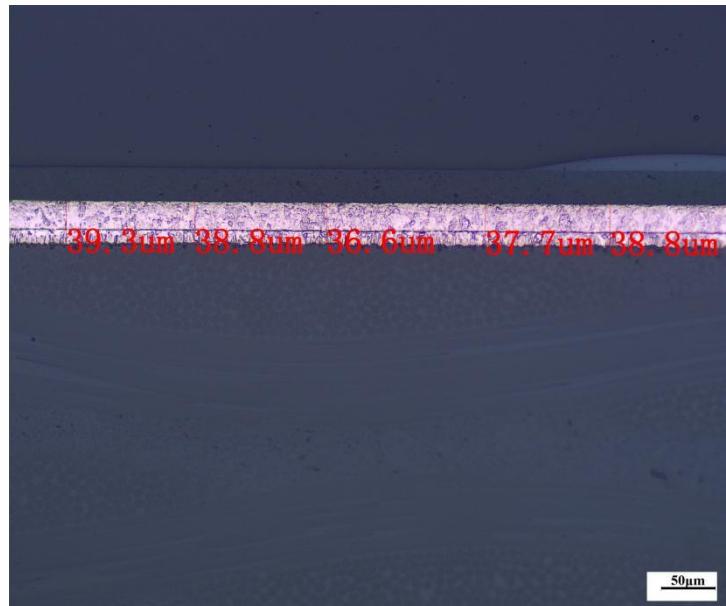
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Test photo(s) of sample A2250553251101001 (50X~200X)

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 ***