

TEST REPORT

No. : GZMR251103881901

Date : Nov 24, 2025

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CUSTOMER NAME: NORCOMP, A DIVISION OF EDAC (AMERICA) LTD
ADDRESS: 3810 SHUTTERFLY RD., SUITE #200, CHARLOTTE, N.C. 28217, U.S.A.

Sample Name : POWER/SIGNAL - SOLDER CUP - MALE- MACHINED AND
POWER/SIGNAL-SOLDER CUP -FEMALE-MACHINED
Material No. : 680M17W2103L401 /
680M17W2203L401
Model No. : 680M17W2103L401 /
680M17W2203L401
Manufacturer : NORCOMP

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

SGS Ref. No. : GZME2511000030PC01_EN
Date of Receipt : Nov 18, 2025
Testing Start Date : Nov 18, 2025
Testing End Date : Nov 24, 2025
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd. Guangzhou Branch

Franky

Franky Liang
Authorized signatory



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Guangzhou Branch Material Testing Laboratory

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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Temperature Rise Test	IEC 60512-5-1:2002 Test 5a	See Result	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.



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1. Test Item: Temperature Rise Test

Sample Description: A-Connector

Test Method: IEC 60512-5-1:2002 Test 5a

Test Condition:

Current value: DC 50 A

Holding time: 30 min

Lab Environmental Condition: 15 °C - 35 °C, 25 %RH - 75 %RH

Test Result:

Sample A

Sample	Thermal Stability Temperature, °C	Ambient Temperature, °C	Temperature Rise, °C	Appearance	Client's requirements	Conclusion
1	A1	27.9	22.2	After testing, the adhesive core showed no deformation or melting.	Temperature Rise ≤30°C	Pass
	A2		20.8			Pass

Note: Temperature Rise, °C = Thermal Stability Temperature - Ambient Temperature

Curve

Sample A



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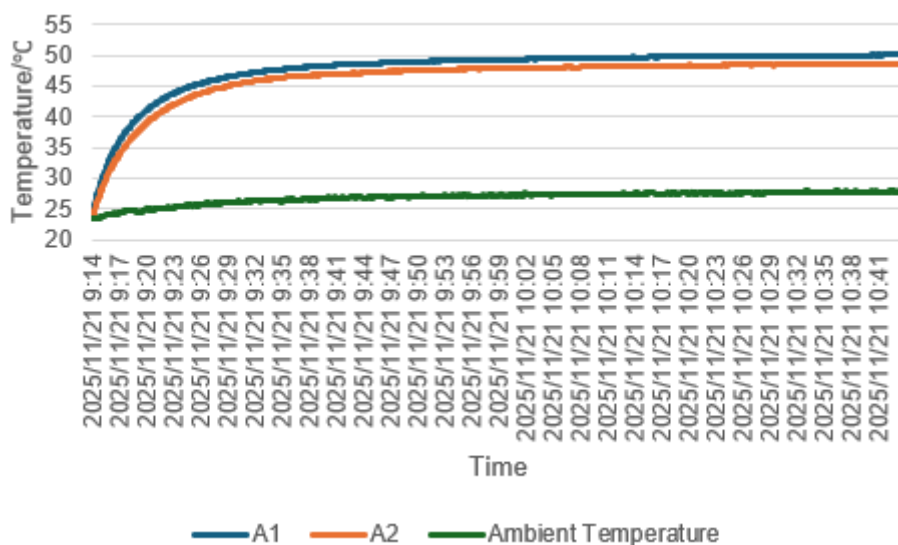
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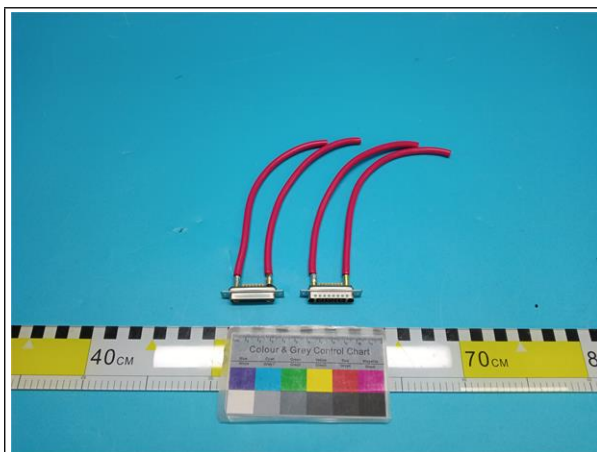
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Test Photo:



Before Test-Sample A



After Test-Sample A



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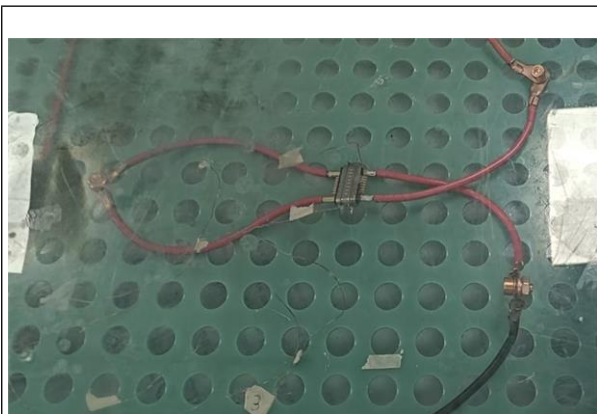
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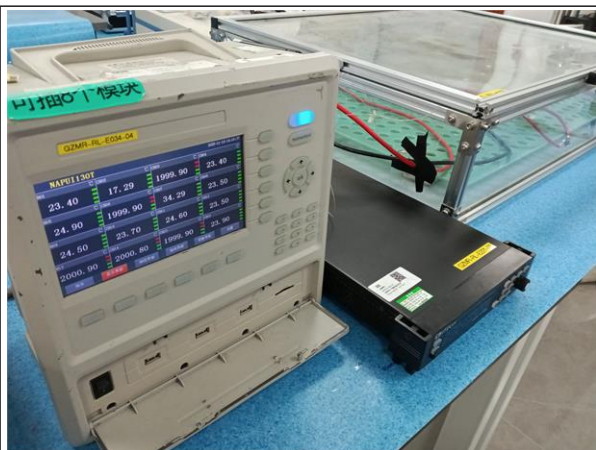
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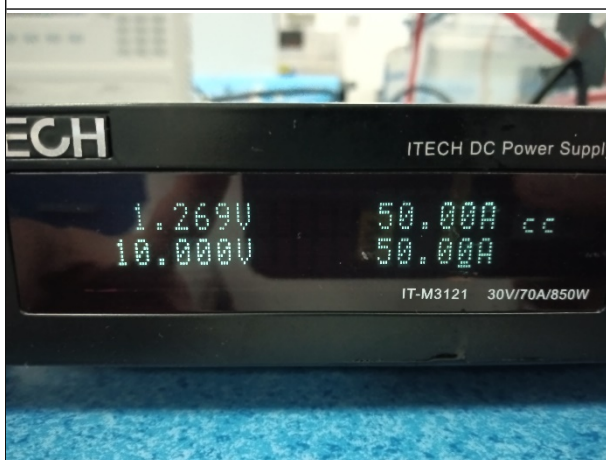
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During Test-Sample A



During Test-Sample A



During Test-Sample A-Local part



After Test-Sample A-Local part



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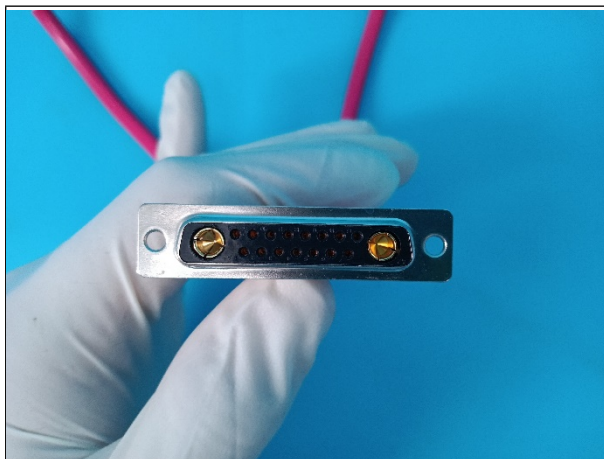
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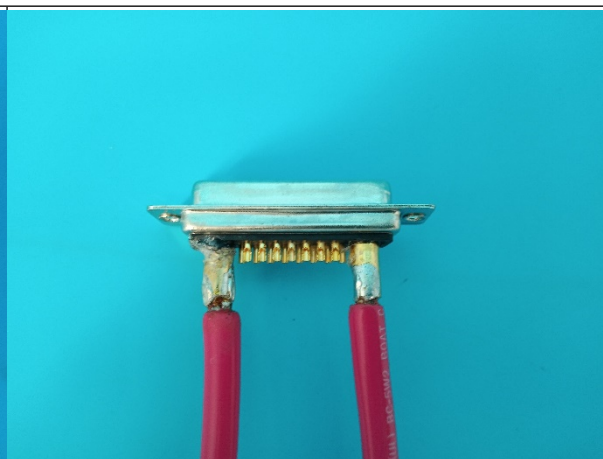
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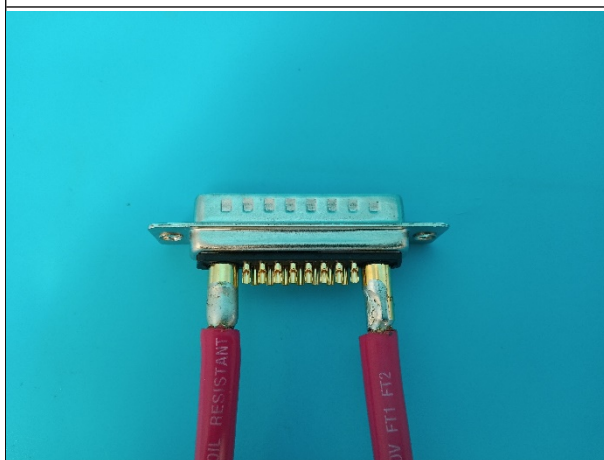
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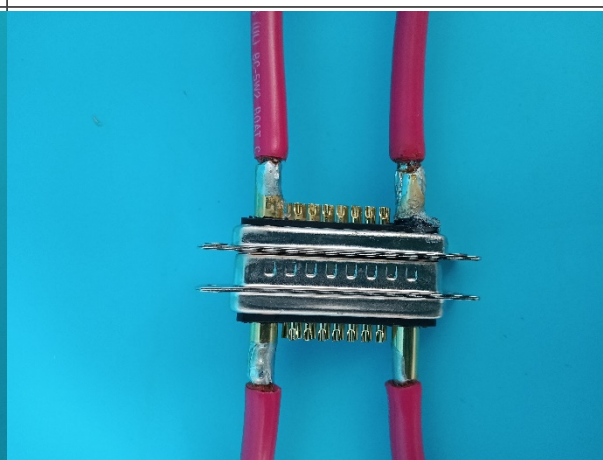
After Test-Sample A-Local part



After Test-Sample A-Local part



After Test-Sample A-Local part



After Test-Sample A-Local part



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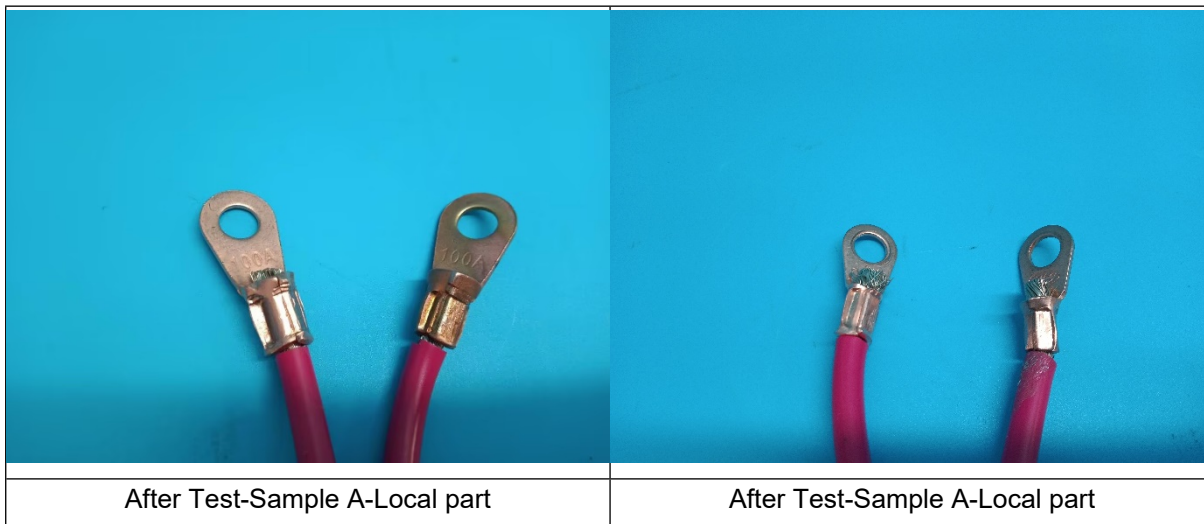
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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Multi-Thermocouple Temperature Recorder	NAPUI130T-32	GZMR-RL-E034-04	2025-04-03	2026-04-02
Programmable DC Power Supply	IT-M3121	GZMR-RL-E221-01	2025-05-17	2026-05-16

Appendix information:

*Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

*The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

***** End of report*****



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