

TEST REPORT

No. : GZMR260501459401

Date : May 13, 2026

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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 : High Density DSUB Machined Contacts
Material No. : 180-M44-103L001 / 180-M44-203L001
Model No. : 180-M44-103L001 / 180-M44-203L001
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. : GZME2605000155PC01_EN,GZME2605000155PC
Date of Receipt : May 07, 2026
Testing Start Date : May 07, 2026
Testing End Date : May 13, 2026
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



Lily Lei
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Mating Cycle Testing	MIL-DTL-24308G-2009 Section 3.5.16	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: Mating Cycle Testing

Sample Description: A-Connector

Test Method: MIL-DTL-24308G-2009 Section 3.5.16

Test Condition:

Test speed: 50 mm/min

Test frequency: 500 times

Lab Environmental Condition: 18°C~28°C, 25%RH~75%RH

Test Result:

Sample A

Contact resistance:

Sample No.	Test Result, mΩ		Client's requirement	Conclusion
1	0 cycle	1.95	Contact resistance < 10mΩ	Pass
		2.68		
	100 cycles	1.97		
		2.93		
	250 cycles	1.99		
		3.63		
	500 cycles	2.66		
		5.66		



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Separation force:

Sample No.	Test Result,N		Client's requirement	Conclusion
1	0 cycle	73.5	7.78N < Separation force < 75.62N	Pass
	100 cycles	69.7		
	250 cycles	67.3		
	500 cycles	42.7		

Insertion force:

Sample No.	Test Result,N		Client's requirement	Conclusion
1	0 cycle	92.0	Insertion force < 124.55N	Pass
	100 cycles	88.2		
	250 cycles	67.3		
	500 cycles	53.0		



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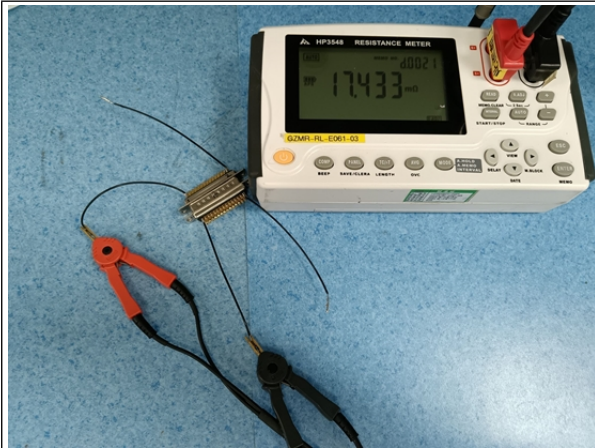
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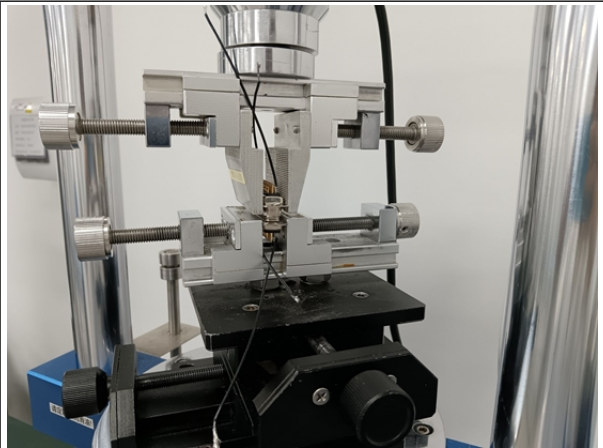
Date : May 13, 2026

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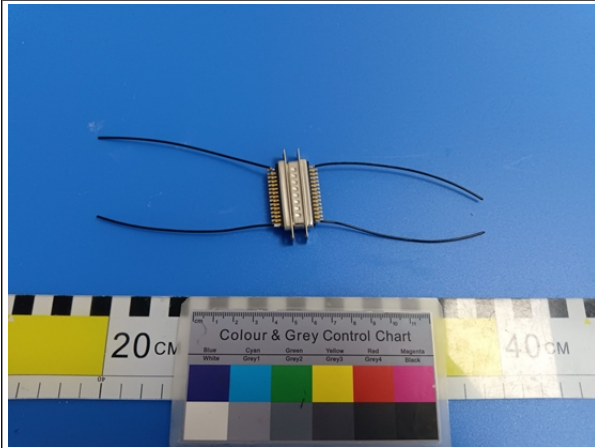
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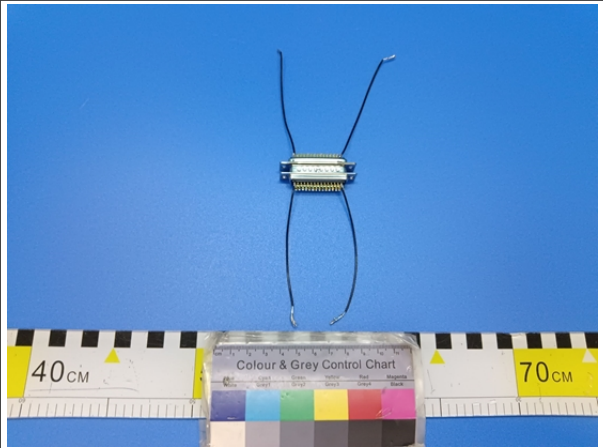
During Test-Sample A- Contact resistance



During Test-Sample A- Mating Cycle Testing



Before Test-Sample A



After Test-Sample A



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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Low Resistance Tester	HP3548	GZMR-RL-E061-03	2025-12-18	2026-12-17
Mating/Un-mating Tester	1220S	GZMR-RL-E130	2026-03-05	2027-03-04

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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