

# TEST REPORT

No. : GZMR260501459405

Date : May 26, 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 : Standard DSUB Machined Contacts  
Material No. : 172-025-103R001/ 172-E25-203R001  
Model No. : 172-025-103R001/ 172-E25-203R001  
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. : GZME2605000155PC05\_EN,GZME2605000155PC  
Date of Receipt : May 07, 2026  
Testing Start Date : May 07, 2026  
Testing End Date : May 26, 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	IEC 60512-7-2:2011	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: E-Connector

Test Method: IEC 60512-7-2:2011

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 E

Contact resistance:

Sample No.	Test Result, mΩ		Client's requirement	Conclusion
1	0 cycle	1.66	Contact resistance < 15mΩ	Pass
		1.77		
	100 cycles	1.75		
		1.88		
	250 cycles	1.91		
		2.08		
	500 cycles	2.65		
		2.94		



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Separation force:

Sample No.	Test Result,N		Client's requirement	Conclusion
1	0 cycle	41.1	7.8N < Separation force < 56N	Pass
	100 cycles	34.6		
	250 cycles	29.8		
	500 cycles	18.7		

Insertion force:

Sample No.	Test Result,N		Client's requirement	Conclusion
1	0 cycle	47.2	Insertion force < 83N	Pass
	100 cycles	43.2		
	250 cycles	38.6		
	500 cycles	27.4		



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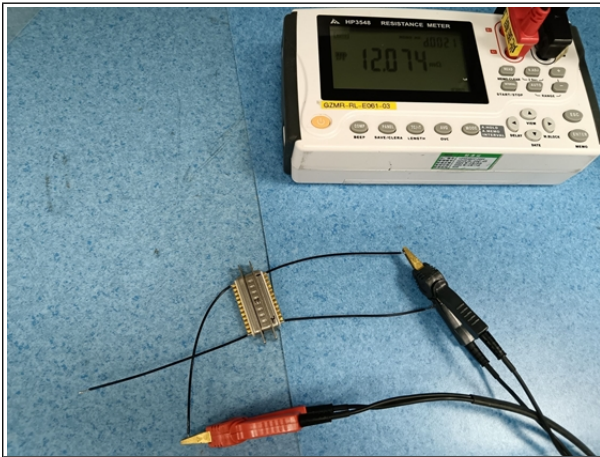
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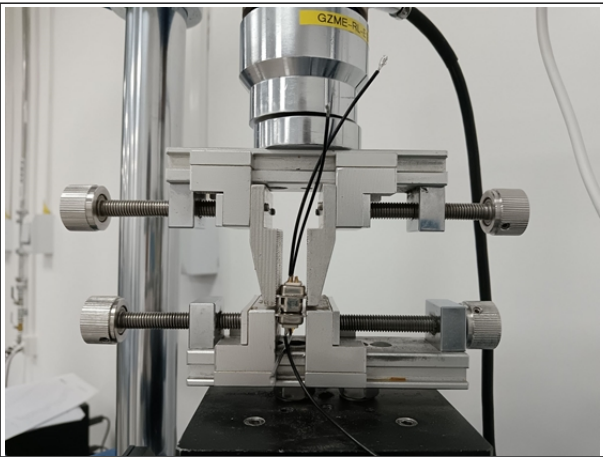
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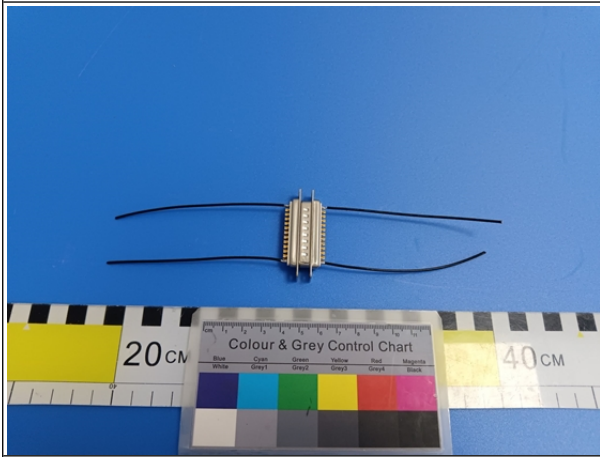
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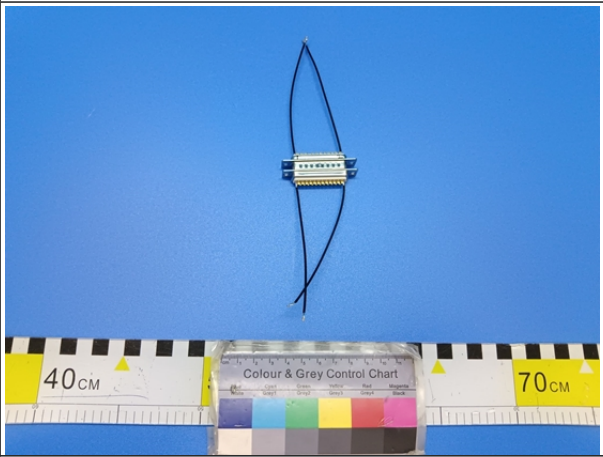
During Test-Sample E- Contact resistance



During Test-Sample E- Mating Cycle Testing



Before Test-Sample E



After Test-Sample E



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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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