

## TEST REPORT

No. : GZMR260501459403

Date : May 15, 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 : Push Pull 820K Series mated pair  
Material No. : 820K005-173L301 /820K005-203R001  
Model No. : 820K005-173L301 /820K005-203R001  
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. : GZME2605000155PC03\_EN,GZME2605000155PC  
Date of Receipt : May 07, 2026  
Testing Start Date : May 07, 2026  
Testing End Date : May 15, 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	Mechanical Operation	IEC 60512-9-1:2010 & IEC 60512-2-1:2002	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: Mechanical Operation

Sample Description: C-Connector

Test Method: IEC 60512-9-1:2010 & IEC 60512-2-1:2002

Test Condition:

Test Speed: 10 mm/s

Test Cycle: 5000

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

Test Result:

Sample C

Sample No.	Test Result		Client's requirement	Conclusion
1	0 cycle	No damage affecting normal use.	No damage affecting normal use.	Pass
	100 cycles	No damage affecting normal use.		Pass
	250 cycles	No damage affecting normal use.		Pass
	500 cycles	No damage affecting normal use.		Pass
	1000 cycles	No damage affecting normal use.		Pass
	2500 cycles	No damage affecting normal use.		Pass
	5000 cycles	No damage affecting normal use.		Pass



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Mating force:

Sample No.	Test Result, N	
1	100 cycles	8.0
	250 cycles	8.1
	500 cycles	9.3
	1000 cycles	13.3
	2500 cycles	20.2
	5000 cycles	22.8

Contact resistance:

Sample No.	Test Result, mΩ		Client's requirement	Conclusion
1	0 cycle	3.81	Contact resistance < 15mΩ	Pass
	100 cycles	4.49		Pass
	250 cycles	5.08		Pass
	500 cycles	5.29		Pass
	1000 cycles	5.58		Pass
	2500 cycles	6.09		Pass
	5000 cycles	6.78		Pass



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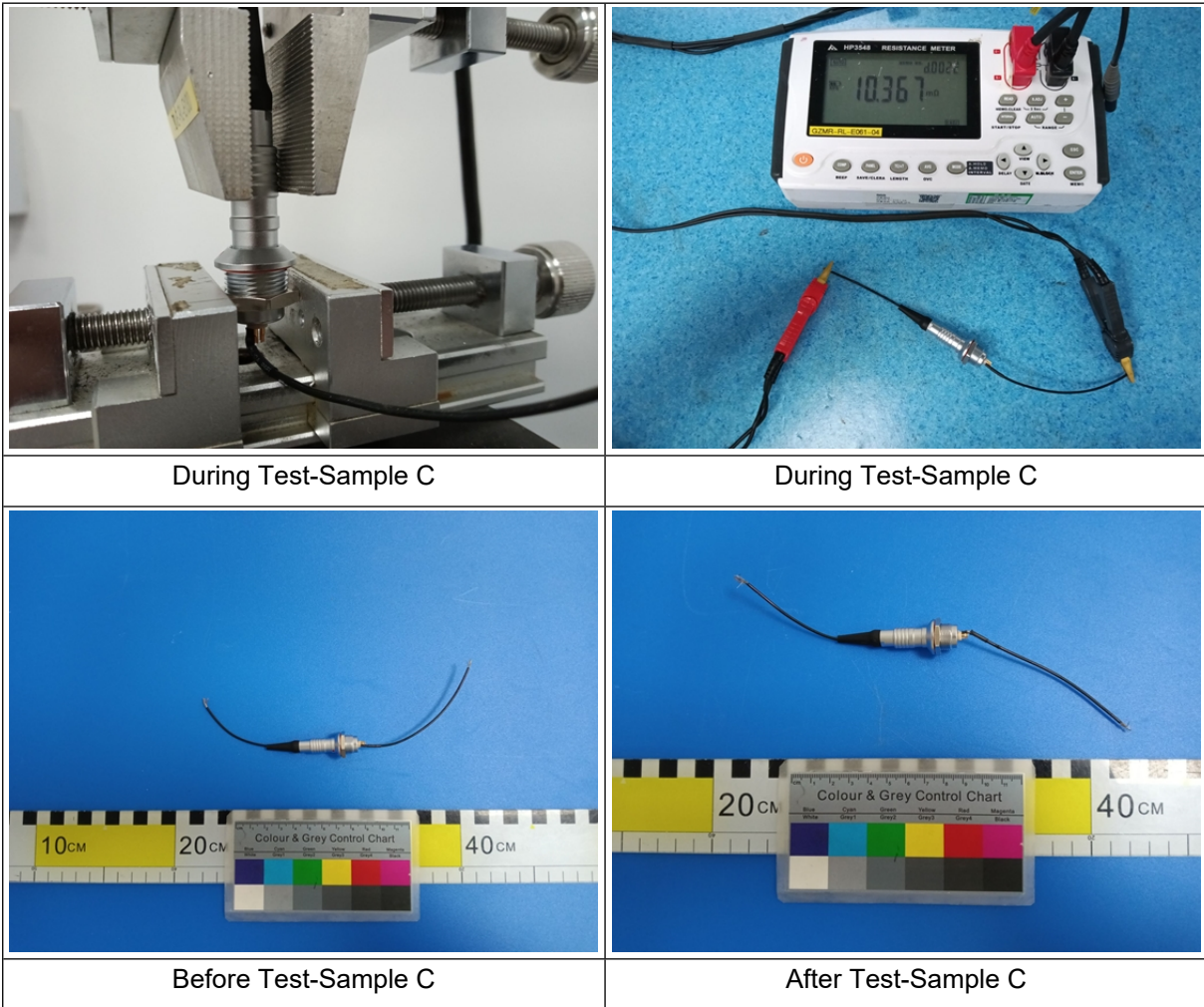
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Test Photo:



During Test-Sample C

During Test-Sample C

Before Test-Sample C

After Test-Sample C



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Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Low Resistance Tester	HP3548	GZMR-RL-E061-04	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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