



## TEST REPORT

No. : GZMR251103881901

Date : Nov 24, 2025

Page: 1 of 7



GZMR251103881901

Verification:  
check.sgsonline.com.cn

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 Liang  
Authorized signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN\\_Doccheck@sgs.com](mailto:CN_Doccheck@sgs.com)

□ No.198, Kehu Road, Science City, Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, KaiChuang Avenue, Huangpu District, Guangzhou, China (86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
中国·广东·广州市黄埔区开创大道1501号3栋101房 (86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

## TEST REPORT

No. : GZMR251103881901

Date : Nov 24, 2025

Page: 2 of 7

### 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.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhi Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China  Room 101, Building 3, No.1501, Kaichang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·广州高新技术产业开发区科学城科珠路198号

中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## TEST REPORT

No. : GZMR251103881901

Date : Nov 24, 2025

Page: 3 of 7

### 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	50.1	27.9	22.2	After testing, the adhesive core showed no deformation or melting.	Temperature Rise ≤30°C	Pass
	A2	48.7		20.8			Pass

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

Curve

Sample A

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhi Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China  Room 101, Building 3, No.1501, Kaichang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·广州高新技术产业开发区科学城科珠路198号

中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

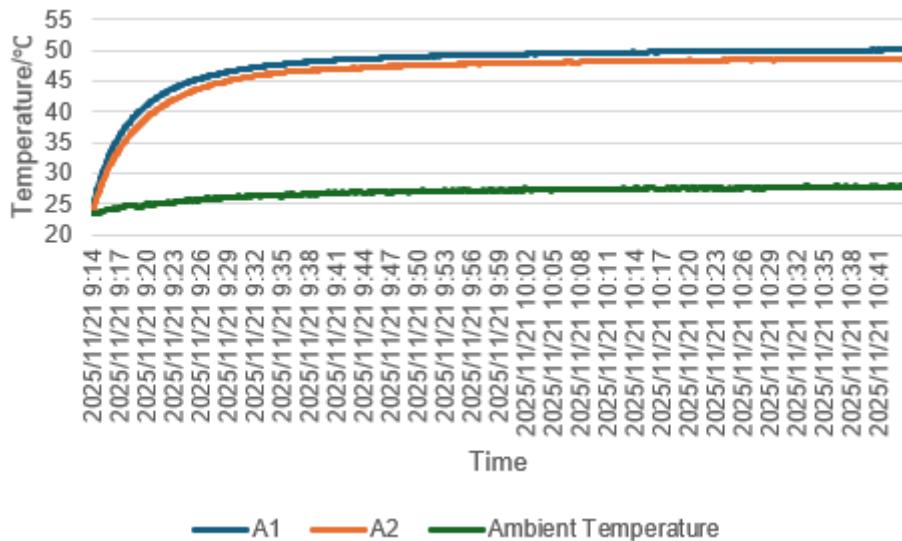


## TEST REPORT

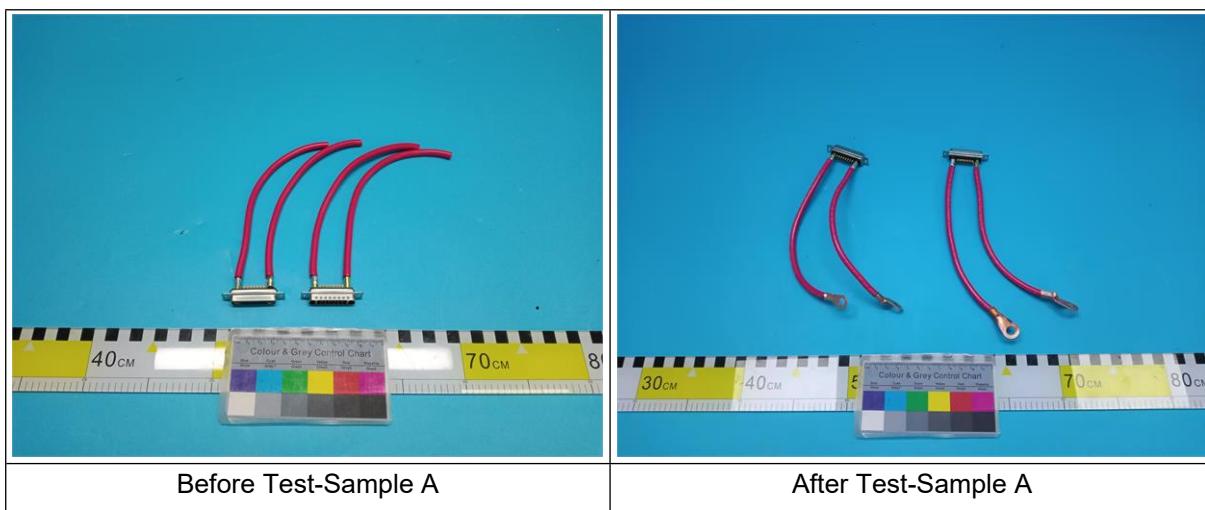
No. : GZMR251103881901

Date : Nov 24, 2025

Page: 4 of 7



Test Photo:



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

□ No.198, Kezhi Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·广州高新技术产业开发区科学城科珠路198号

中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

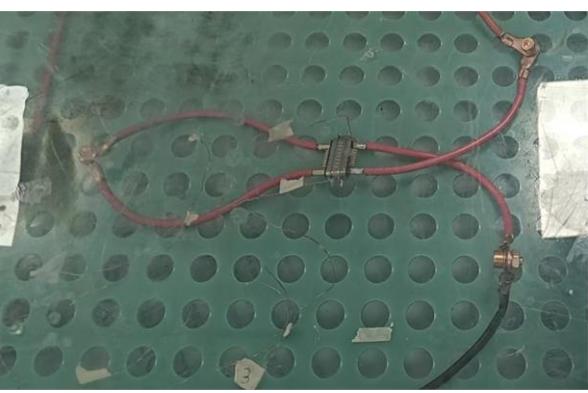


**TEST REPORT**

No. : GZMR251103881901

Date : Nov 24, 2025

Page: 5 of 7

	
During Test-Sample A	During Test-Sample A
	
During Test-Sample A-Local part	After Test-Sample A-Local part

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

□ No.198, Kexu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·广州高新技术产业开发区科学城科珠路198号

中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

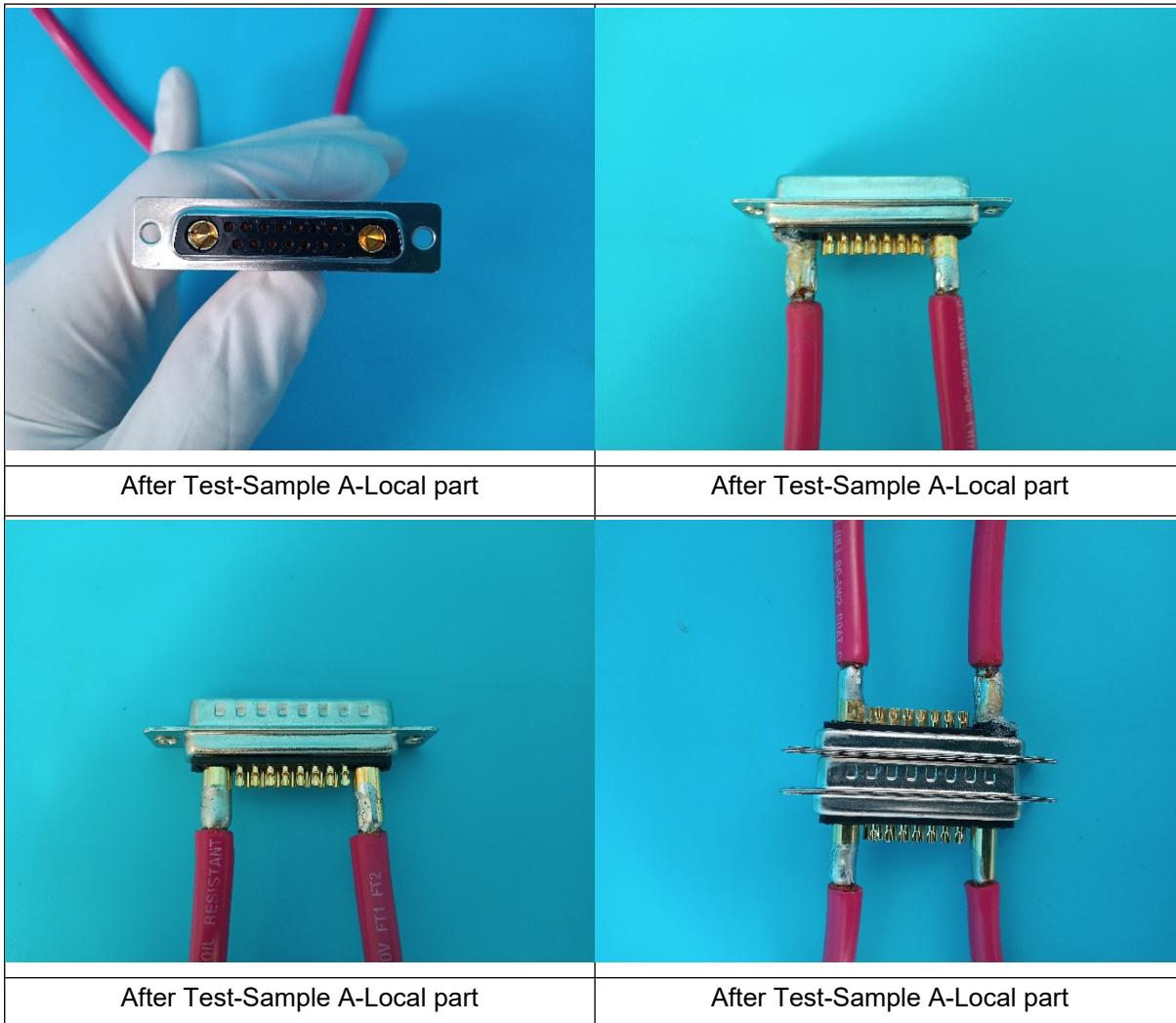


**TEST REPORT**

No. : GZMR251103881901

Date : Nov 24, 2025

Page: 6 of 7



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kexu Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China  Room 101, Building 3, No.1501, Kaichang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·广州高新技术产业开发区科学城科珠路198号

中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



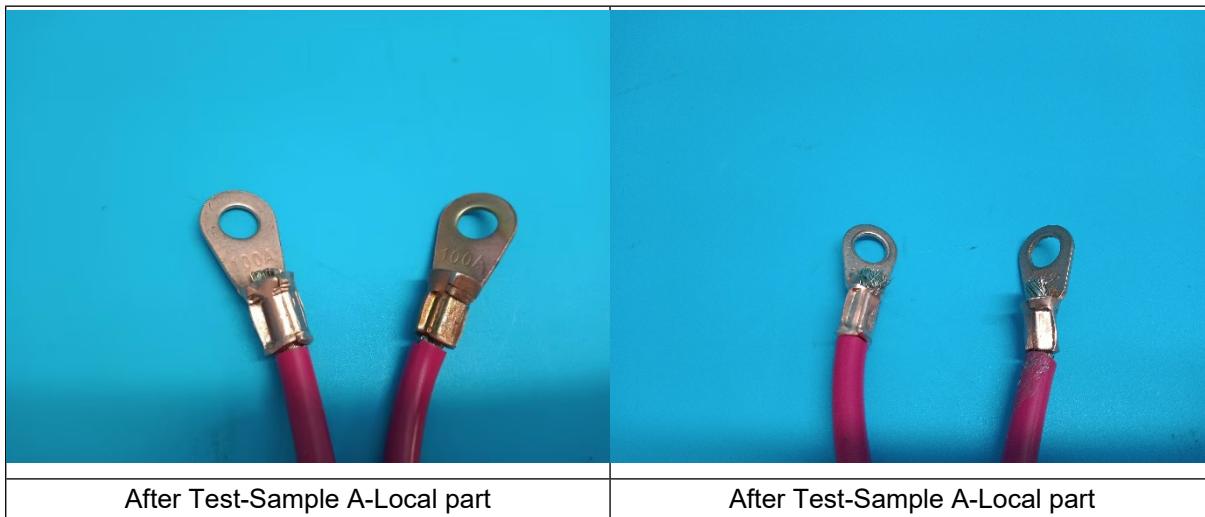
SGS-CST Standards Technical Services Co.,Ltd.  
Guangzhou Branch Measurement & Testing Laboratory

# TEST REPORT

No. : GZMR251103881901

Date : Nov 24, 2025

Page: 7 of 7



## 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\*\*\*\*\*

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

□ No.198, Kezhi Road, Science City Economic & Technology Development Area, Guangzhou, Guangdong, China □ Room 101, Building 3, No.1501, Kaichang Avenue, Huangpu District, Guangzhou, China t(86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)

中国·广东·广州高新技术产业开发区科学城科珠路198号

中国·广东·广州市黄埔区开创大道1501号3栋101房 t(86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

