

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 1 of 21

Sample Name : P61
 SGS Job No. : 3977858 - HK
 Item No Given by Client : P61
 Manufacturer :
 Supplier :
 Country of Origin : CHINA
 Country of Destination : EUROPE
 Date of Sample Received : 23 Jan 2018
 2nd Submission : 31 Jan 2018
 Verification Period : 23 Jan 2018 - 01 Feb 2018
 Verification Requested : Selected test(s) as requested by client.
 Verification Method :
 1. With reference to IEC 62321-2:2013, review was performed for the samples disjointed from the submitted articles.
 2. With reference to IEC 62321-1:2013, tests were performed for the samples indicated by the photos in this report
 (1) With reference to IEC 62321-3-1:2013, screening by EDXRF spectroscopy
 (2) Wet chemical test method
 a. With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES
 b. With reference to IEC 62321-5:2013, determination of Lead by ICP-OES
 c. With reference to IEC 62321-4:2013, determination of Mercury by ICP-OES
 d. With reference to IEC 62321-7-1:2015, IEC 62321-7-2:2017 & ISO 17075-1:2017, determination of Hexavalent chromium by Colorimetric method using UV-Vis.
 e. With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS
 Verification Result : Please refer to next page(s).
 Verification Conclusion : Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) do not exceed the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.
 Note : The test results are related only to the tested items. The report shall not be reproduced except in full without the written approval of the testing laboratory.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.



Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 2 of 21

Signed for and on behalf of
SGS Hong Kong Limited.

Yu Chi Yuen, Patrick
Chemist

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 3 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
1	Wire Insulator – Black Soft Plastic		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL BL BL	--- --- --- --- --- ---	Comply Comply Comply Comply Comply Comply	23 Jan 2018
2	Wire – Silvery Plated Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
3	Tip of Wire – Black Plastic		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL BL BL	--- --- --- --- --- ---	Comply Comply Comply Comply Comply Comply	23 Jan 2018
4	Solder – Silvery Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 4 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
5	SMD Capacitor – Brown Ceramic w/ Silvery Metal		Pb	BL	---	Comply	23 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	
6	SMD Resistor – White Ceramic w/ Black Coating w/ White Printing w/ Silvery Metal		Pb	IN	29	Comply	23 Jan 2018 31 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	IN	ND	Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	
7	SMD Diode – Black Plastic w/ Silvery Coating w/ White Plastic w/ Coppery Metal w/ Chips		Pb	BL	---	Comply	23 Jan 2018 31 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	
8	SMD Transistor – Black Plastic w/ Coppery Metal w/ Silvery Plating w/ Chips		Pb	BL	---	Comply	23 Jan 2018 31 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 5 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
9	Small IC – Black Plastic w/ Pale Brown Printing w/ Coppery Metal w/ Silvery Plating w/ Chips		Pb	BL	---	Comply	23 Jan 2018 31 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	IN	ND	Comply	
			PBDEs	IN	ND	Comply	
10	Socket (Big) – Black Plastic		Pb	BL	---	Comply	23 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	BL	---	Comply	
			PBDEs	BL	---	Comply	
11	Socket Pin (Big) – Golden Plated Metal		Pb	BL	---	Comply	23 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	---	---	---	
			PBDEs	---	---	---	
12	Socket Housing (Big) – Silvery Metal		Pb	BL	---	Comply	23 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	---	---	---	
			PBDEs	---	---	---	

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 6 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
13	Socket Housing (Small) – Silvery Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
14	Socket (Small) – Black Plastic		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL BL BL	--- --- --- --- --- ---	Comply Comply Comply Comply Comply Comply	23 Jan 2018
15	Socket Pin (Small) – Golden Plated Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
16	Socket Housing (Middle) – Silvery Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL IN --- ---	--- --- --- ND --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 7 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
17	Socket Pin (Middle) – Golden Plated Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL IN --- ---	--- --- --- ND --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
18	Socket (Middle) – Black Plastic		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL BL BL	--- --- --- --- --- ---	Comply Comply Comply Comply Comply Comply	23 Jan 2018
19	Button – Black Plastic		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL IN IN	--- --- --- --- ND ND	Comply Comply Comply Comply Comply Comply	23 Jan 2018 31 Jan 2018
20	Button Case – Beige Plastic		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL BL BL	--- --- --- --- --- ---	Comply Comply Comply Comply Comply Comply	23 Jan 2018

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 8 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
21	Contact Plate – Coppery Metal w/ Silvery Plating		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL IN --- ---	--- --- --- ND --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
22	Button Cover – Silver Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
23	Button Pin – Golden Metal w/ Silvery Plating		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
24	PCB – Brown Plastic w/ Blue Coating w/ Coppery Metal w/ White Printing		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL IN IN	--- --- --- --- ND ND	Comply Comply Comply Comply Comply Comply	23 Jan 2018

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 9 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
25	Solder – Silvery Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL IN --- ---	--- --- --- ND --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
26	Metal Plate on PCB – Silvery Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
27	IC (6 Pins) – Black Plastic w/ Pale Brown Printing w/ Coppery Metal w/ Silvery Plating w/ Chips		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL IN IN	--- --- --- --- ND ND	Comply Comply Comply Comply Comply Comply	23 Jan 2018
28	Small IC (Big) – Black Plastic w/ Pale Brown Printing w/ Coppery Metal w/ Silvery Plating w/ Chips		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL IN IN	--- --- --- --- ND ND	Comply Comply Comply Comply Comply Comply	23 Jan 2018

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 10 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
29	LCD – White/ Ivory Plastic w/ Black Coating		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL IN IN	--- --- --- --- ND 46	Comply Comply Comply Comply Comply Comply	23 Jan 2018
30	LCD Base – Translucent Plastic		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL IN IN	--- --- --- --- ND ND	Comply Comply Comply Comply Comply Comply	23 Jan 2018
31	PCB – Brown Plastic w/ Black Coating w/ Coppery Metal w/ White Printing		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL IN IN	--- --- --- --- ND ND	Comply Comply Comply Comply Comply Comply	23 Jan 2018
32	LCD Pin – Silvery Plated Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 11 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
33	Inductor – Black Ferrite		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL IN BL BL	--- --- --- ND --- ---	Comply Comply Comply Comply Comply Comply	23 Jan 2018
34	Coil – Copper Plated Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL IN --- ---	--- --- --- ND --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
35	Inductor Contact Plate – Silvery Plated Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL IN --- ---	--- --- --- ND --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018
36	Switch Case – Silvery Metal		Pb Cd Hg Cr(VI)▼ PBBs PBDEs	BL BL BL BL --- ---	--- --- --- --- --- ---	Comply Comply Comply Comply --- ---	23 Jan 2018 31 Jan 2018

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 12 of 21

Part No.	Part Description	BOM No.	Restricted Substances	Results of EDXR F(1)	Result of Wet Chemical Testing(2) (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
37	Switch Pin Holder – Black Plastic		Pb	BL	---	Comply	23 Jan 2018 31 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	BL	---	Comply	
			PBDEs	BL	---	Comply	
38	Switch Pin – Golden Metal w/ Silvery Plating		Pb	BL	---	Comply	23 Jan 2018 31 Jan 2018
			Cd	BL	---	Comply	
			Hg	BL	---	Comply	
			Cr(VI)▼	BL	---	Comply	
			PBBs	---	---	---	
			PBDEs	---	---	---	

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 13 of 21

Remark :

(1) (a) There are the results on total Br while test items on restricted substances are PBBs and PBDEs.
There is the result on total Cr while test item on restricted substances is Cr(VI).

(b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP-OES (for Cd, Pb, Hg UV-VIS (for Cr(VI)) and GC-MS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013(unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	--	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

(c) BL = Below Limit, OL = Over Limit, IN = Inconclusive, LOD = Limit of Detection, -- = Not Regulated.

(d) The XRF screening test for RoHS elements - The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) (a) mg/kg = 0.0001%, MDL = Method detection Limit, ND = Not Detected (<MDL), --- = Not conducted, - = Without BOM.

(b) Unit and MDL in wet chemical test

Test Items	Pb	Cd	Hg
Units	mg/kg	mg/kg	mg/kg
MDL	2	2	2

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

Page 14 of 21

The MDL for single compound of PBBs and PBDEs is 50 mg/kg,
MDL of Cr(VI) for polymer and composite sample is 2 mg/kg.
MDL of Cr(VI) for metal sample is 0.10 µg/cm².

(c) ▼ =Metal sample

- a. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 µg/cm².
The sample coating is considered to contain CrVI
- b. The sample is negative for CrVI if CrVI is ND (concentration less than 0.10 µg/cm²).
The coating is considered a non-CrVI based coating
- c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive
- unavoidable coating variations may influence the determination

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

IEC 62321 series is equivalent to EN 62321 series

http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,2!

(3) * = Considering insufficient sample amount, the Method Detection Limit (MDL) is raised appropriately

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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.

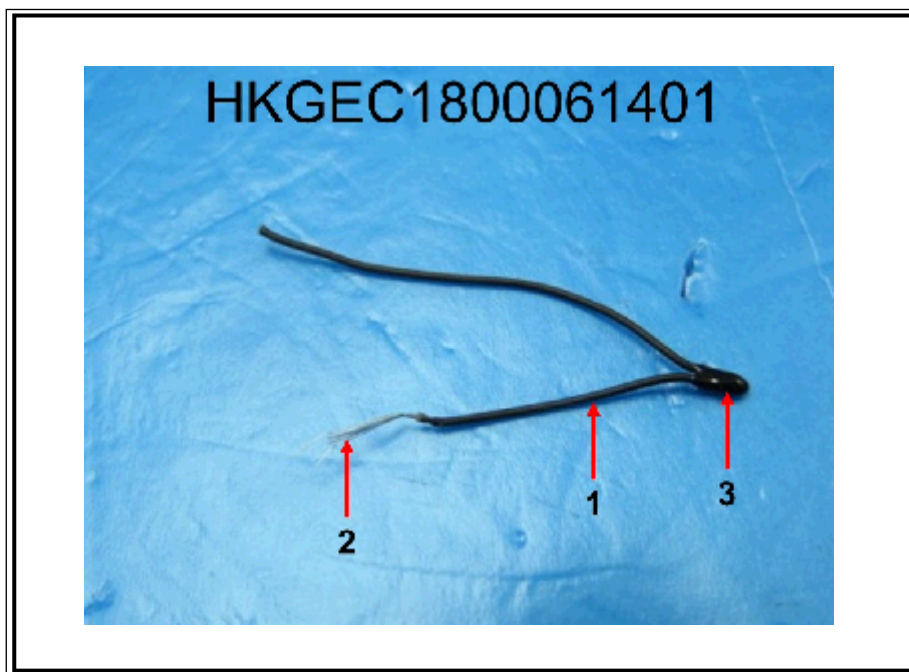
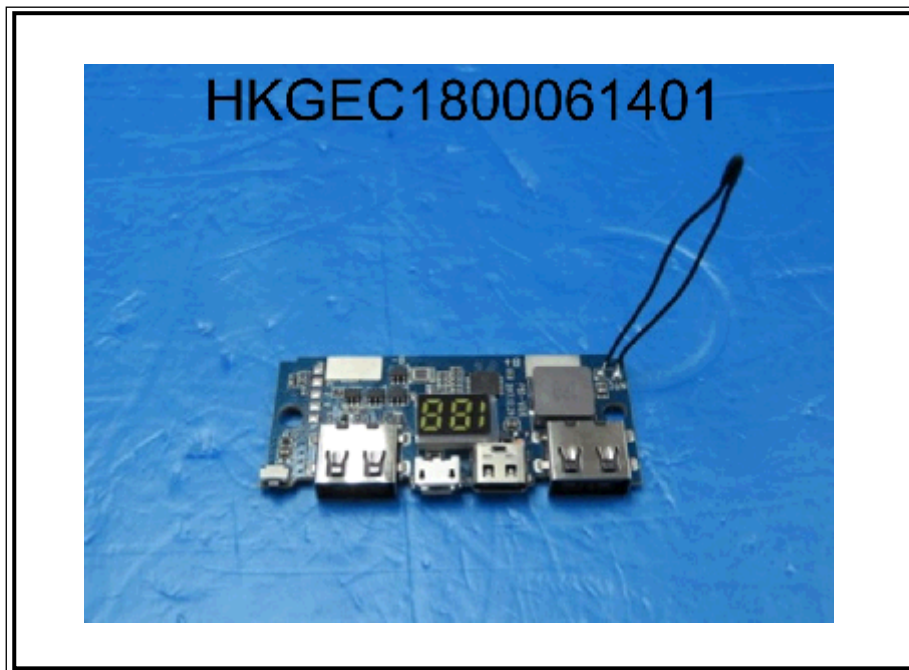
Verification Report

No. HKGEC1800061401

Date: 14 Mar 2018

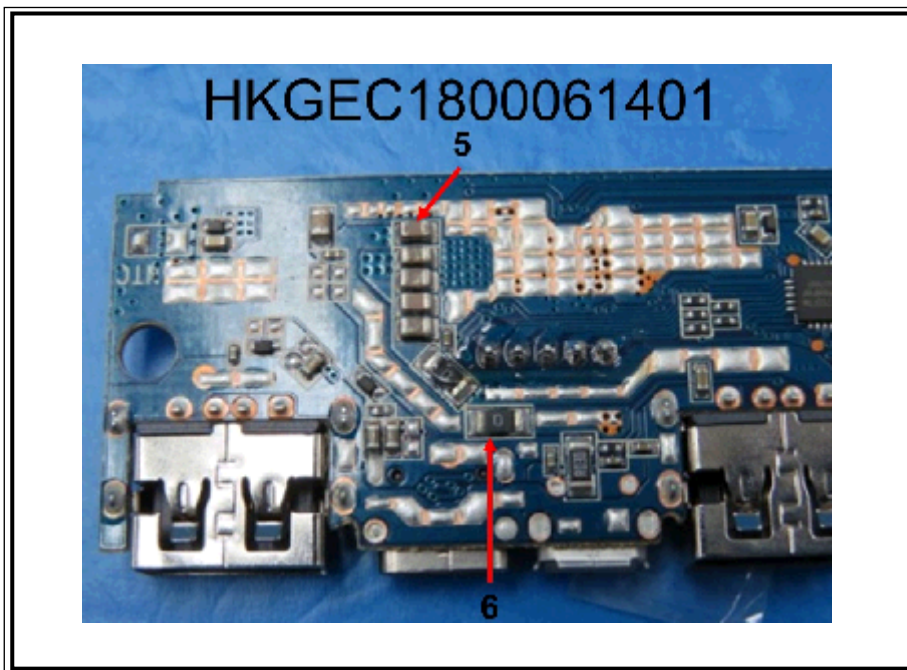
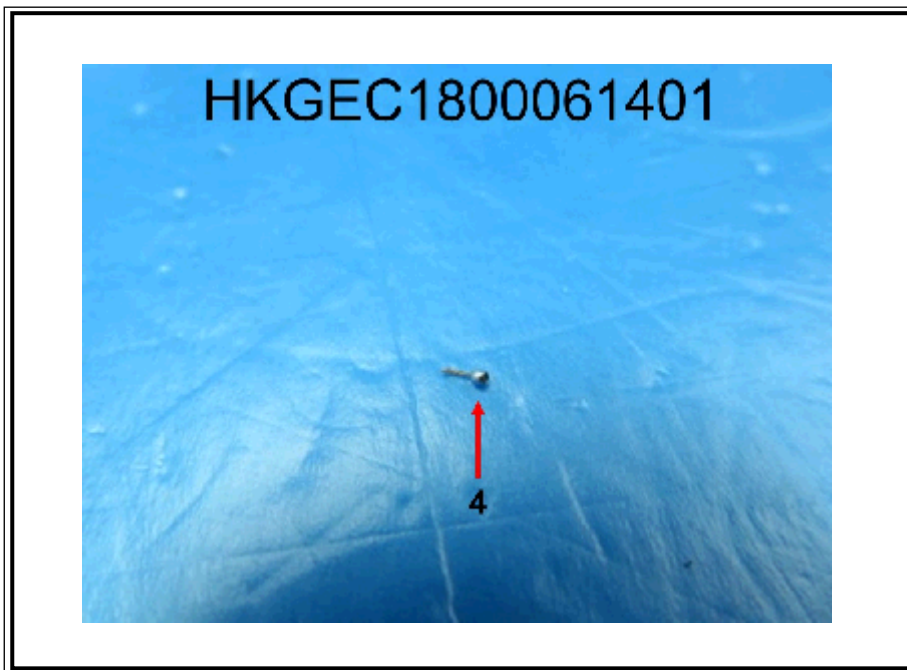
Page 15 of 21

Sample photo:



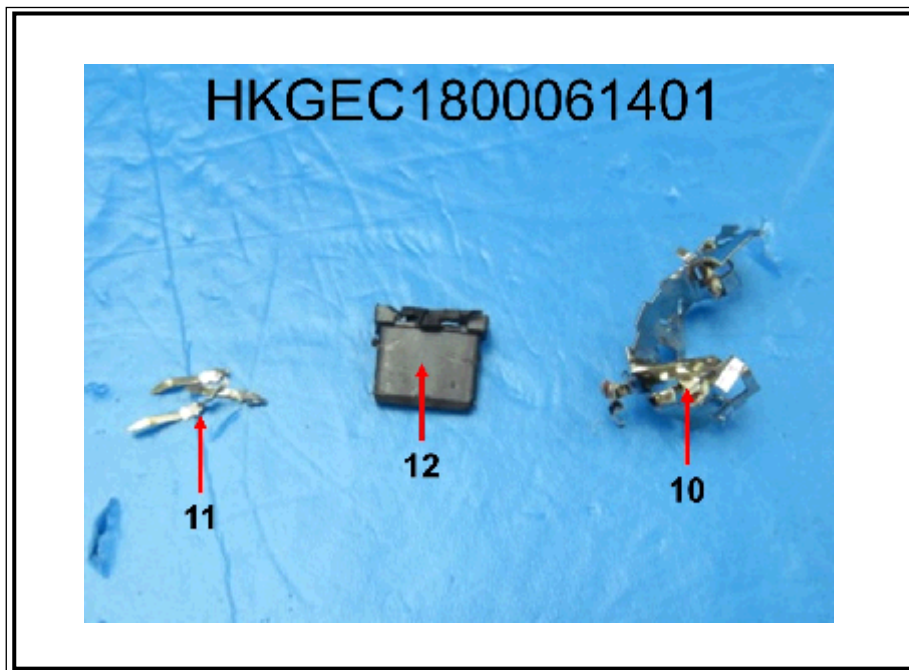
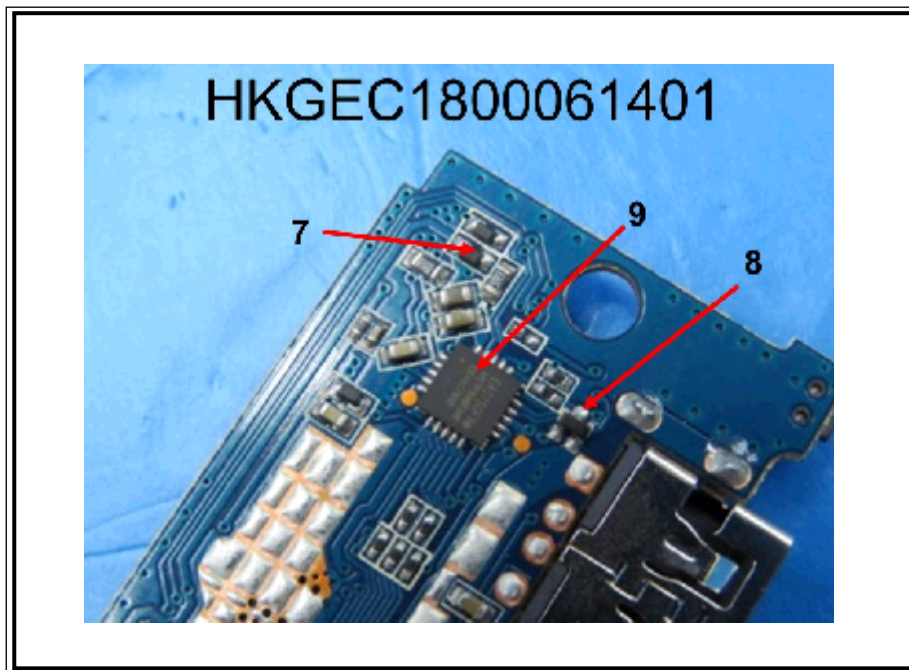
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.



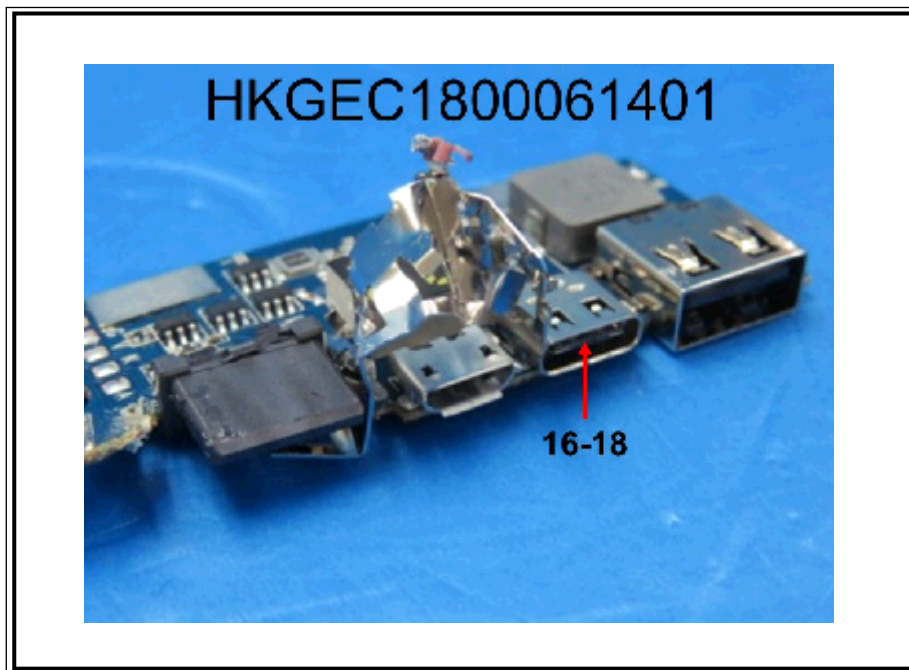
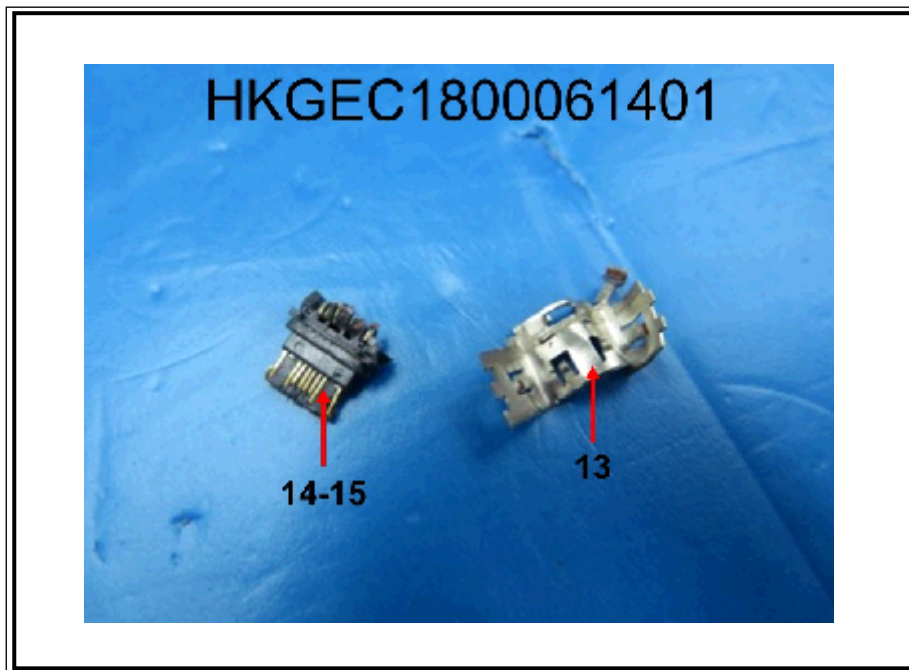
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.



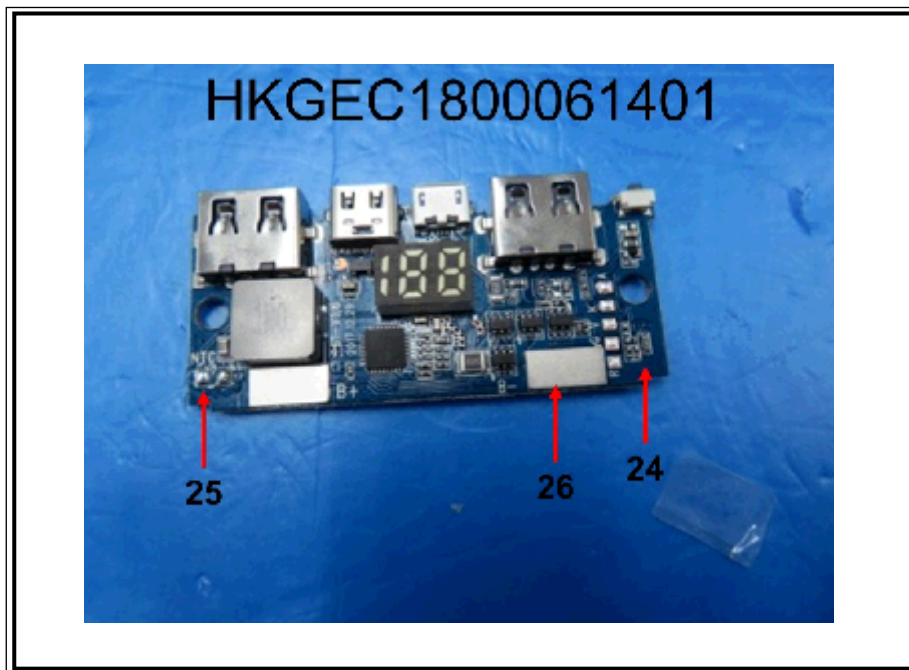
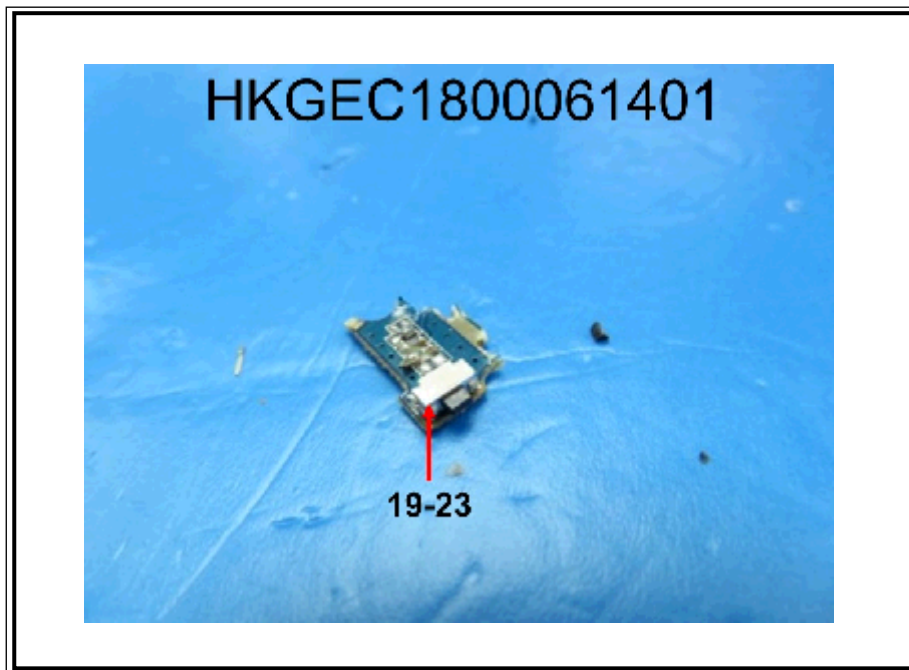
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.



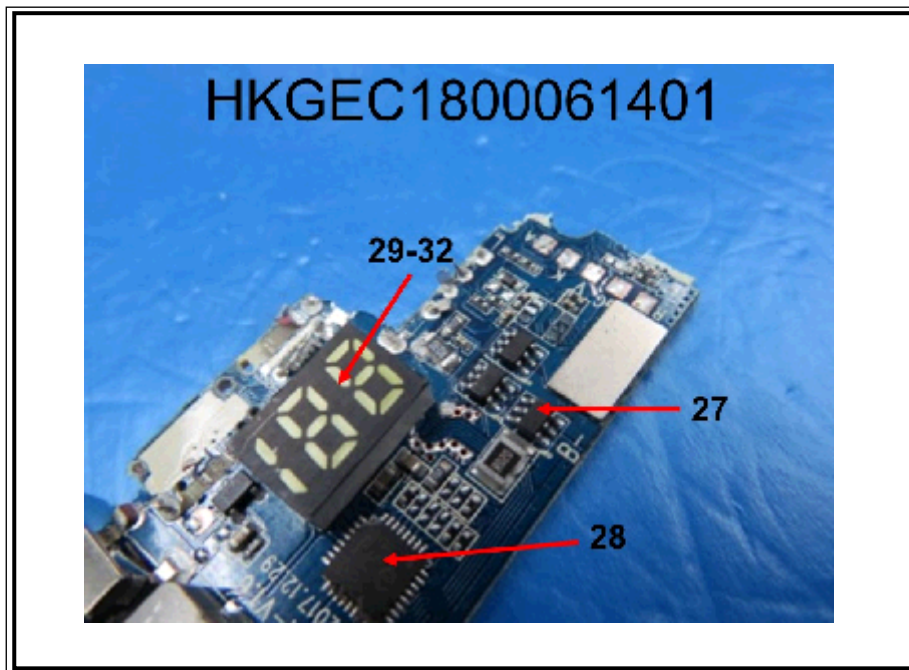
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.



SGS authenticate the photo on original report only

*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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.