

RoHS REPORT



ROHS REPORT

Product: COMPUTER CASE

Model No.: 555GG

Applicant : SOLLERON CORPORATION
4F-1 NO.859 CHING KUO RD.,TAOYUAN,TAIWAN R.O.C.

Manufacturer: SOLLERON CORPORATION
4F-1 NO.859 CHING KUO RD.,TAOYUAN,TAIWAN R.O.C.

Testing laboratory : Guangzhou Deu Technology Testing Co.,Ltd.

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Report Number : DEU(16)-12-2278R

Date of Report : 4th January,2017

Test Result : PASS



1.The following sample(s) was/were submitted and identified on behalf of the client as:

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Test period: 26 December,2016~4th January,2017

Test request: With reference to RoHS directive 2011/65/EU recasting 2002/95/EC.

Test method: Please see next page(s).

Applicable Standards: EN 50581 :2012

Conclusion: Based on the review of previous reports and verification results of the submitted Samples,the results of Cadmium,Lead,Mercury,Hexavalent chromium,Polybrominated Biphenyls(PBBs),Polybrominated diphenyl ethers(PBDEs) comply with the limits request 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.

Tested By: Ada

Date: 2017.1.4

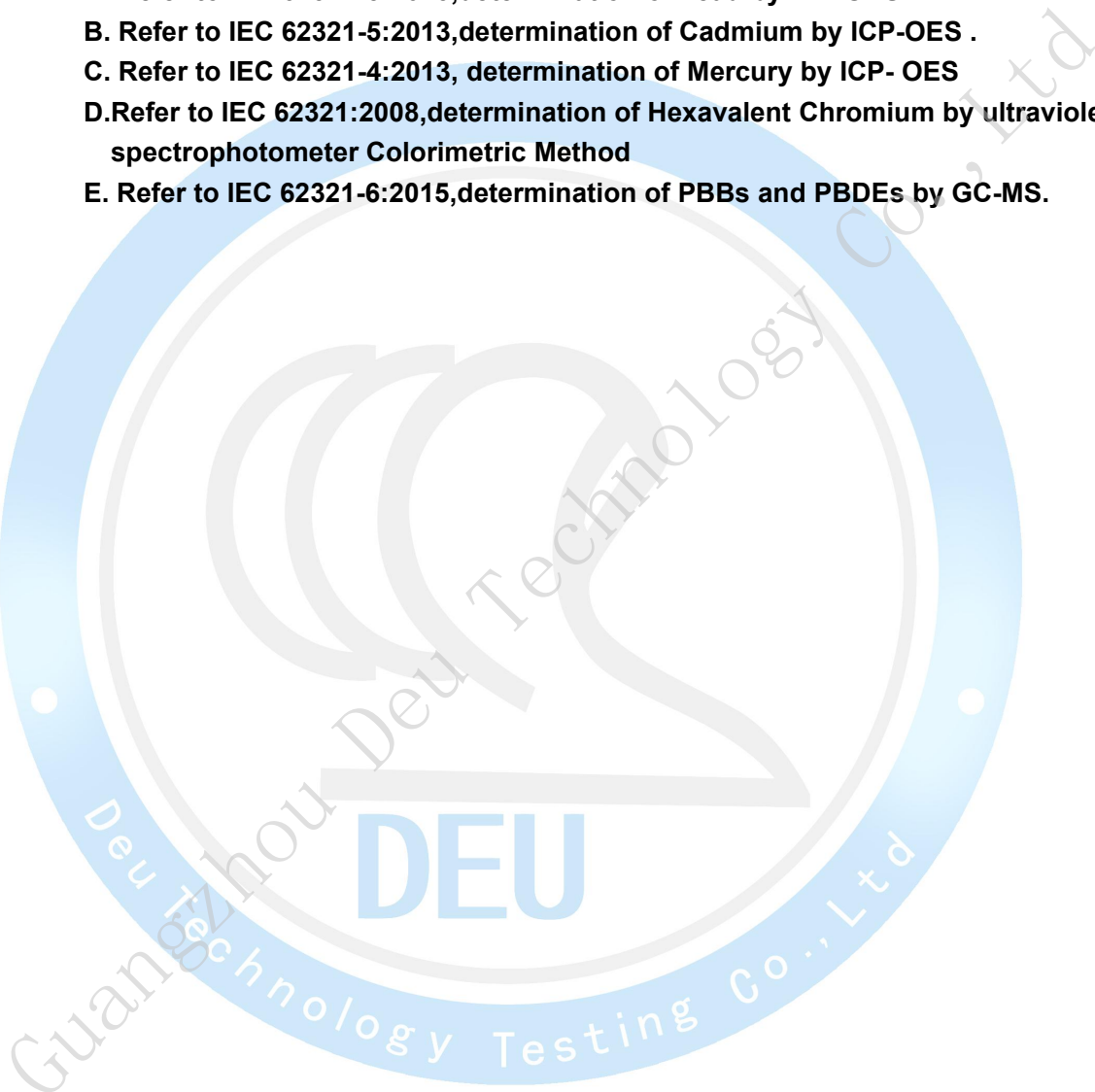
Approved By: Jessy

Date: 2017.1.4





- Test Method:**
- 1. Review was performed for the samples disjoined from the submitted articles and the Related test reports submitted by the applicant.**
 - 2. Tests were performed for the samples indicated by the photos in the report with test Methods reference to IEC 62321:2008:Procedures for the Determination of Levels of Six Regulated Substances in Electrotechnical Products**
 - (1) Screening by XRF Spectroscopy**
 - (2) Wet chemical Test Method**
 - A. Refer to IEC 62321-5:2013, determination of Lead by ICP-OES .**
 - B. Refer to IEC 62321-5:2013, determination of Cadmium by ICP-OES .**
 - C. Refer to IEC 62321-4:2013, determination of Mercury by ICP- OES**
 - D. Refer to IEC 62321:2008, determination of Hexavalent Chromium by ultraviolet spectrophotometer Colorimetric Method**
 - E. Refer to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS.**





Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
01	Label	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
02	Grey glass	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
03	Black metal net	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL -- --	-- -- -- -- -- --	Comply Comply Comply Comply N.A. N.A.
04	Black magnetic stripe	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
05	Black metal screw	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
06	Electronic part	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply



Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
07	Black PCB	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
08	Black plastic frame(PBT)	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
09	Black plastic net	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
10	Apricot silica gel	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
11	Black metal frame	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
12	Fan-Black wire	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply



Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
13	Fan-Grey plastic sheet	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
14	Fan-Grey plastic frame	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
15	Fan-Motor-PCB	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
16	Fan-Motor-electrolytic capacitor	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN BL	-- -- -- -- ND --	Comply Comply Comply Comply Comply Comply
17	Fan-Motor-metal rotor-Copper alloy	Pb Cd Hg Cr(VI) PBBs PBDEs	OL ^① BL BL BL -- --	48500 -- -- -- -- --	Comply Comply Comply Comply N.A. N.A.
18	Fan-Motor-lubricant oil	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL BL BL	-- -- -- -- -- --	Comply Comply Comply Comply Comply Comply



Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
19	Fan-Motor-Metal up cover	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL -- --	-- -- -- -- -- --	Comply Comply Comply Comply N.A. N.A.
20	Fan-Motor-stator	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL IN BL BL	-- -- -- ND -- --	Comply Comply Comply Comply Comply Comply
21	Fan-Motor-stator winding-Copper wire	Pb Cd Hg Cr(VI) PBBs PBDEs	OL ² BL BL BL -- --	56000 -- -- -- -- --	Comply Comply Comply Comply N.A. N.A.
22	Switch-Black plastic jacket	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
23	Switch-Black wire	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
24	Switch-Black plastic key	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply



Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
25	Button-Transparent plastic grain	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- 254. N.D.	Comply Comply Comply Comply Comply Comply
26	Button-Pink protectio tube	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
27	Button-Transparent melt adhesive glue	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
28	Button-LED	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
29	Power line-Black wire	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
30	Power line-Black plastic cord	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply



Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
31	Power line-Blue plastic jacket	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
32	Power line-Heat-shrink tube	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
33	Power line- Black wire	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
34	Power line-Grey wire	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
35	Power line-White wire	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply
36	Power line-Red wire	Pb Cd Hg Cr(VI) PBBs PBDEs	BL BL BL BL IN IN	-- -- -- -- N.D. N.D.	Comply Comply Comply Comply Comply Comply



Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
37	Power line-Brown wire	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply
38	Power line-Yellow wire	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply
39	Power line-Purple wire	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply
40	Power line-DK. Blue wire	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply
41	Power line-White plastic socket	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply
42	Power line-Green PCB	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply



Test result

Part No.	Part Description	Restricted Substances	Results of EDXRF (1)	Result of Wet Chemical testing (2) (mg/kg)	Conclusion on EU RoHS
43	Power line-Silvery metal USB case	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	--	--	N.A.
		PBDEs	--	--	N.A.
44	Ear phone jack	Pb	BL	--	Comply
		Cd	BL	--	Comply
		Hg	BL	--	Comply
		Cr(VI)	BL	--	Comply
		PBBs	IN	N.D.	Comply
		PBDEs	IN	N.D.	Comply

Remark:①②According to the declaration from the client,Lead(Pb) are exempted by EU RoHS Directive 2011/65/EU based on :Copper alloy containing up to 4% lead by weight.




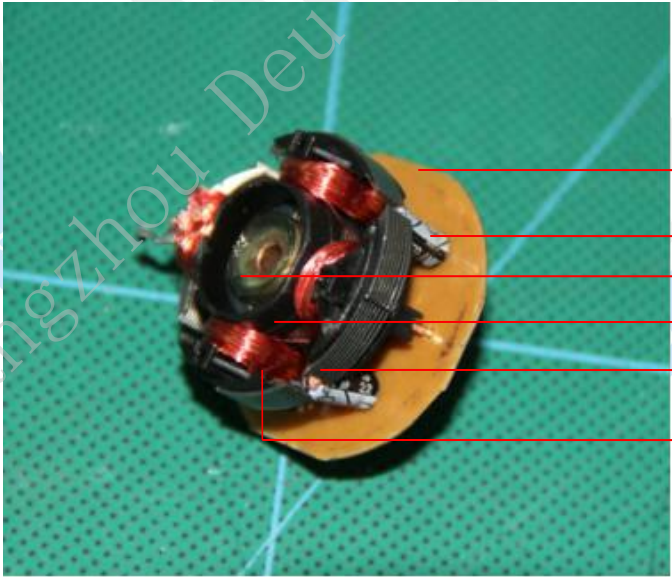
Sample Photo




exploded view	
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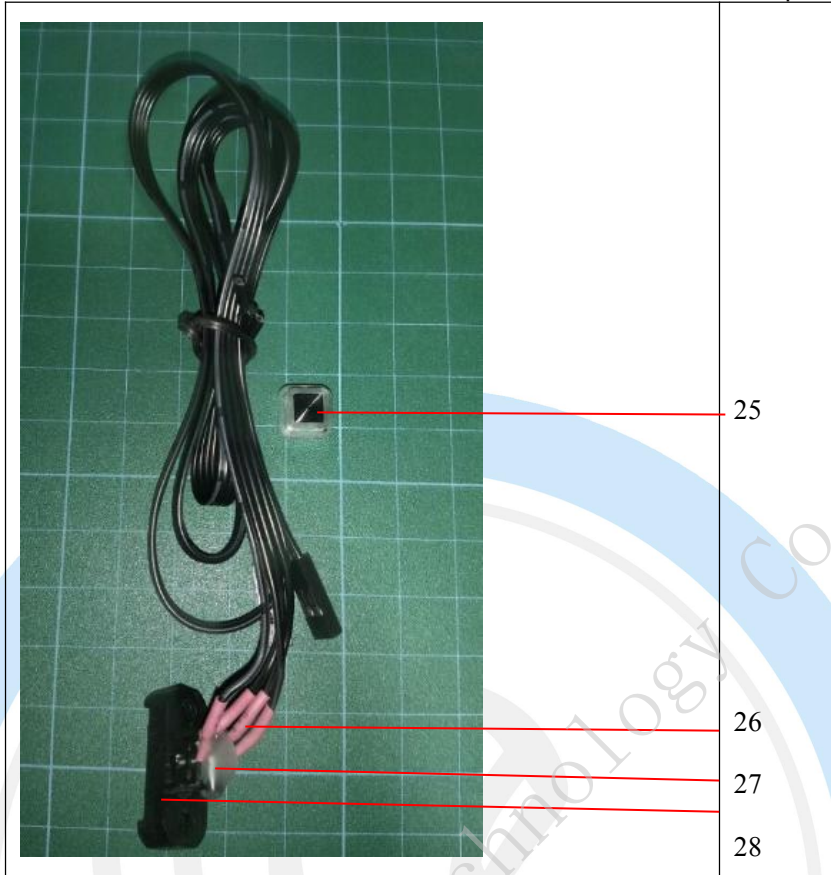
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exploded view	
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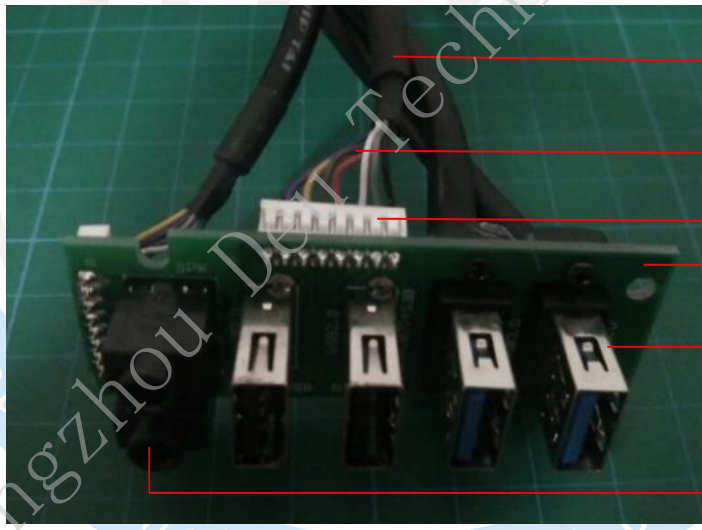


exploded view	
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exploded view	
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