TEST REPORT

LAB NO. : **(9317)213-0068-R1**
DATE : **Sep 04, 2017**
PAGE : **1 OF 24**

The report is amendment of and supersedes the previous report (9317)213-0068 dated Aug 31, 2017

APPLICANT	:	**SHENZHEN FUJIA APPLIANCE CO., LTD** BLDG B1#, XUJINGCHANG TECHNOLOGY IND. PARK, HAOYE ROAD, XINHE VILLAGE FUYONG TOWN, BAO'AN DISTRICT, SHENZHEN
CONTACT PERSON	:	HENG LUO
DATE OF SUBMISSION	:	Aug 01, 2017
TEST PERIOD	:	Aug 21, 2017 to Aug 31, 2017
NO. OF WORKING DAYS	:	9
SAMPLE DESCRIPTION	:	Switching Adaptor
Color:		/
Style no. / Model no.:		See the list
P.O. No.:		/
Country of Origin:		China
Country of Destination:		/
MANUFACTURER	:	SHENZHEN FUJIA APPLIANCE CO., LTD Bldg B1#, Xujingchang Technology Ind. Park, Haoye Road, Xinhe Village Fuyong Town, Bao'an District, Shenzhen

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)	PASS	

LA
Bureau Veritas Consumer Products Services (Guangzhou) Co., Ltd
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Email: BVCPS_pyinfo@cn.bureauveritas.com
Website: cps.bureauveritas.com

Style no.:

1. Model:FJ-SWxyzn Series

'n' indicate plug type, n=E indicate EU plug type, n=B indicate UK plug type.

2. Model:FJ-SWxyz Series

'z'=E indicate EU plug type, z=B indicate UK plug type.

3. Model:FJ-SWxy Series

'x' is 3 digit number which represents the output voltage in volt after dividing by 10 in step of 0.5V, for example, 050 represents the output voltage is 5.0Vdc, 240 represents the output voltage is 24.0Vdc;

'y' is 4 digit number which represents the output current in ampere diving by 1000 in step of 0.001A, for example, 0500 represents the output current is 0.5 A, 6000 represents the output current is 6.0 A.

4. Model:FJ-SWxyD Series

'x' is 3 digit number which represents the output voltage in volt after dividing by 10 in step of 0.5V, for example, 050 represents the output voltage is 5.0Vdc, 240 represents the output voltage is 24.0Vdc;

'y' is 4 digit number which represents the output current in ampere diving by 1000 in step of 0.001A, for example, 0500 represents the output current is 0.5 A, 6000 represents the output current is 6.0 A.

5. Model:FJ-SWxyF Series

'x' is three digits, indicate 10 times output voltage in V, rising in steps of 0.5V.

For example 090=9V, 480=48V.

'y' Four digits, indicate output current in mA, rising in steps of 0.01A. For example 1000=1A, 8000=8A

6. Model:AT2412-xy Series

'x'=030-120, stands for output voltage:3-12V, x=030 means 3V.

'y'=0100-2500, stands for output current: 100mA-2500mA, y=0100 means 100mA.

7. Model:FJ-SWmxxxyyyyzn Series

'm'=116 or 728

'n'=B, E, N, B means fixed UK plug provided, E means fixed European plug provided,

N means detachable plug provided.

8. Model:FJ-SWxxxyyyyzn Series

'n'=B, E, N, B means fixed UK plug provided, E means fixed European plug provided,

N means detachable plug provided.

9. Model:FJ-SWqxxxyyyyzn Series

'q'=126 or 726

’n’=B, E, N, B means fixed UK plug provided, E means fixed European plug provided,
N means detachable plug provided.

10. Model:FJ-SWxxxyyyyg Series
’g’= B, E, N, B means fixed UK plug provided, E means fixed European plug provided,
N means detachable plug provided.

11. Model:FJ-SWxxxyyyyG Series
’G’ = B, E, N, B means fixed UK plug provided, E means fixed European plug provided,
N means detachable plug provided.

12. Model:FJ-SWxxxyyyyz Series
’z’= B, E, N, B means fixed UK plug provided, E means fixed European plug provided,
N means detachable plug provided.

13. Model:FJ-SWxxxyyyyM Series

14. Model:FJ-SW2018xxxyyyy Series

15. Model:FJ-SW2018xxxyyyyD Series

16. Model:FJ-SWxxxyyyzP Series

17. Model:FJ-SW198xxxyyyyn Series
’n’ = B, E, B means fixed UK plug provided, E means fixed European plug provided.

18. Model:FJ-SW268050yyyyN Series,CD104,20328
'N' =B, E, B means fixed UK plug provided, E means fixed European plug provided.

19. Model:FJ-SW2660501000E, CD112

20. Model:OT-1608C

21. Model:FJ-SW961xxxyyyyzn Series
'n' =B, E, B means UK plug provided, E means European plug provided.

22. Model:FJ-SWaxxxyyyyzn Series
‘a’=126L or 728L
’n’=B, E, N, B means fixed UK plug provided, E means fixed European plug provided,
N means detachable plug provided.

23. Model:FJ-SW266Bz050yn Series
‘n’ =B, E, N, B means fixed UK plug provided, E means fixed European plug provided,
N means detachable plug provided.

24. Model:FJ-SW307050yyyyN Series, FJ-SW307C050yyyyN Series, NEXT-04AC, NEXT-04AC-4P

25. Model:FJ-SW328zxxxyyyyn Series

    'n' =B, E, N, B means fixed UK plug provided, E means fixed European plug provided,

    N means detachable plug provided.

26. Model:FJ-SW338xxxyyyyn Series

    'n' =B, E, N, B means fixed UK plug provided, E means fixed European plug provided,

    N means detachable plug provided.

27. Model:FJ-SW368xxxyyyyn Series

    'n' =B, E, N, B means fixed UK plug provided, E means fixed European plug provided,

    N means detachable plug provided.

28. Model:FJ-SW3006xxxyyyy Series

29. Model:FJ-SW2021xxxyyyyD Series

30. Model:WSMPS4-11-M1, WSMXB1-11-M1, WSMPS4-11-M3, WSMXB1-11-M3

31. Model: FJ-SW11A050yyyyn Series

    'n'=B, E, B means fixed UK plug provided, E means fixed European plug provided。

32. Model:FJ-SW11B050yyyyn Series

    'n'=B, E, B means fixed UK plug provided, E means fixed European plug provided。

33. Model: FJ-SW248xxxyyyyn Series, FJ-SW248Cxxxyyyyn Series

    'n'=B, E, N, B means fixed UK plug provided, E means fixed European plug provided,

    N means detachable plug provided.

34. Model:FJ-SW339x050yN, CGTR-393-BLK

35. Model:FJ-SW360AN, FJ-SW360BN

36. Model: FJ-SW920znyyyyyD Series, S610T5C1, S620T5C1

37. Model:FJ-SW2025xy Series

38. Model:FJ-SW2025xyD Series

39. Model:FJ-SW2026xy Series

40. Model:FJ-SW2026xyD Series

41. Model:FJ-SW2027xy, FJ-SW2027Axy Series

42. Model: FJ-SW2027xyD, FJ-SW2027AxyD Series

43. Model:FJ-SW332050yzn Series

'n'=B, E, B means fixed UK plug provided, E means fixed European plug provided,

44. Model: FJ-SW2017xxxyyyy Series

45. Model: FJ-SW2017xxxyyyyD Series

46. Model:FJ-SW2028xy, FJ-SW2028Axy Series

47. Model: FJ-SW2028xyD, FJ-SW2028AxyD Series

BUREAU VERITAS CONSUMER PRODUCTS SERVICES (GUANGZHOU) CO., LTD.

广州必维技术检测有限公司 报告专用章

NINA REN
SENIOR MANAGER

REMARK

If there are questions or concerns on this report, please contact the following persons:

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FAX: (86)755 83439100
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FAX: (86)755 83439100
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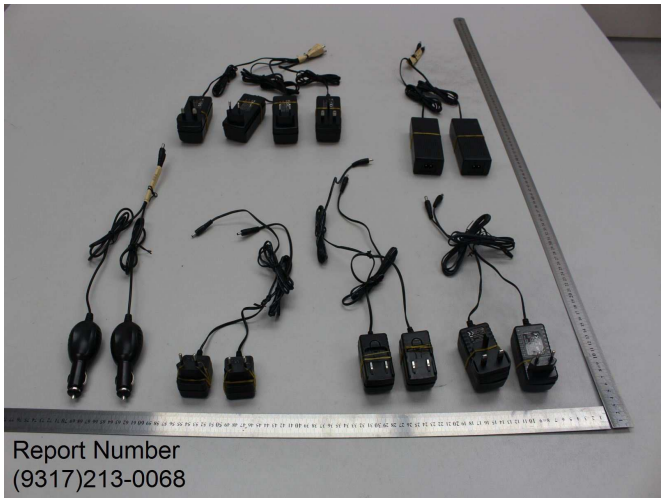
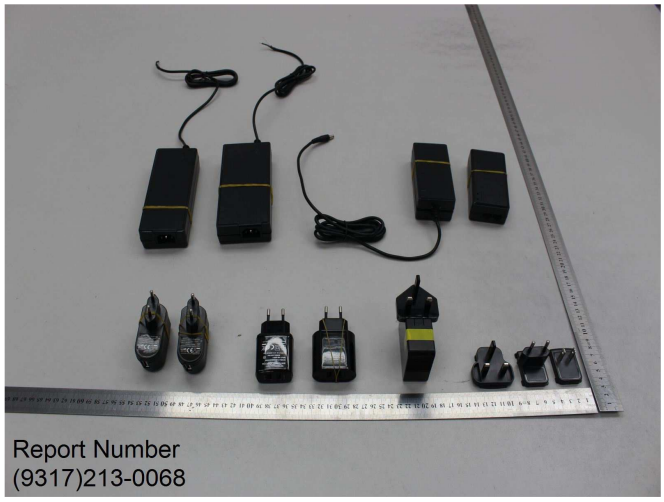
FAX: (86) 20 87148528

EMAIL: eechemical.sc@cn.bureauveritas.com
WEBSITE cps.bureauveritas.cn

Photo of the Submitted Sample





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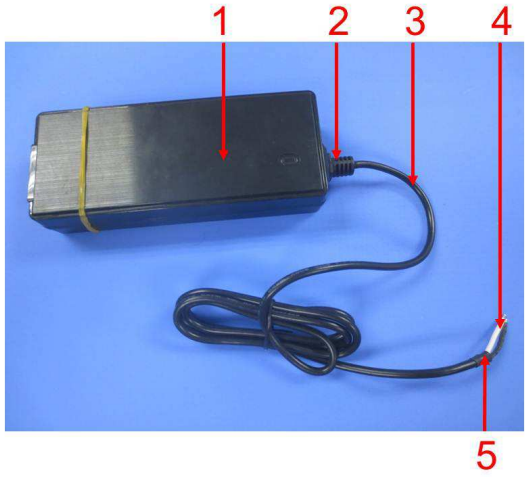

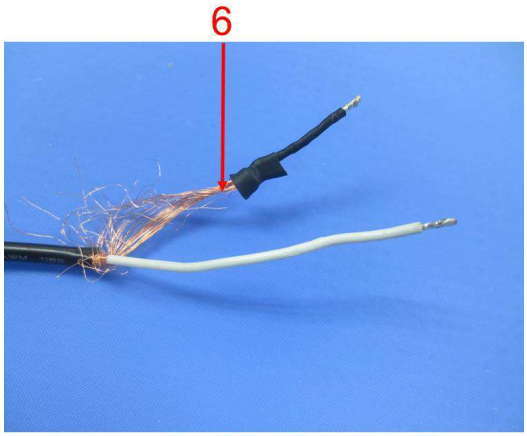

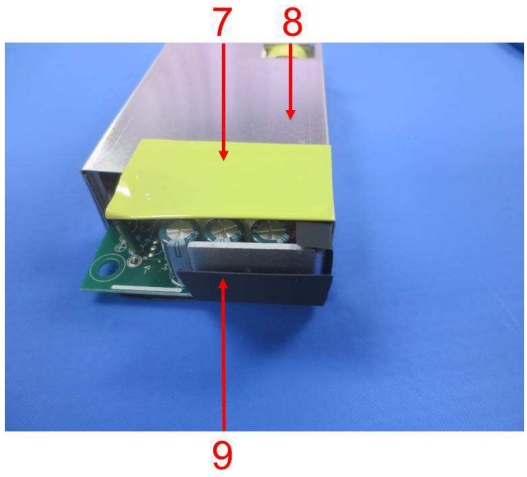

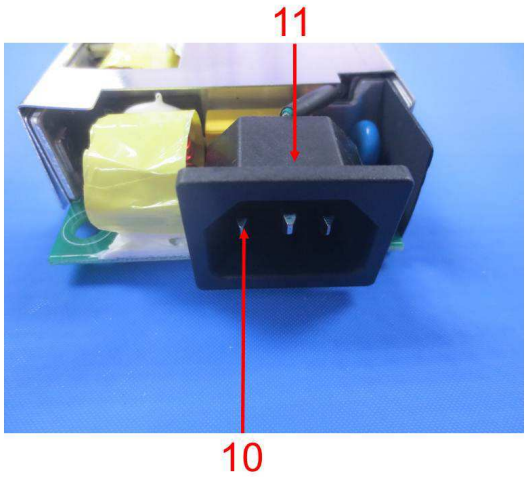

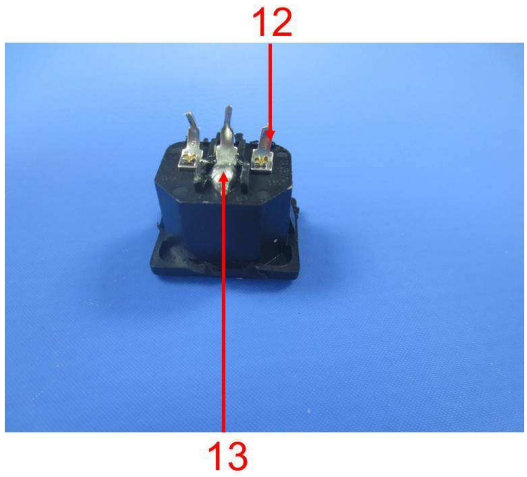

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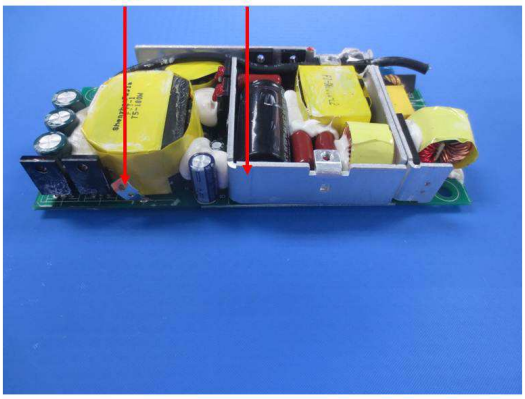

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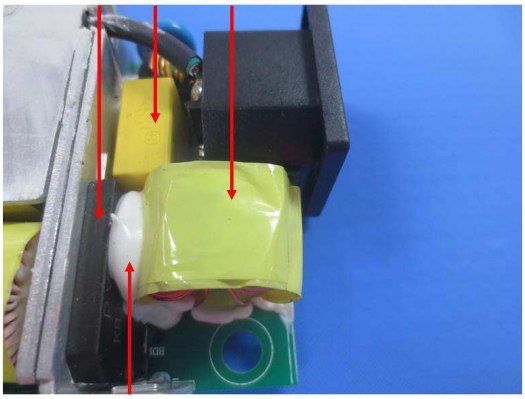

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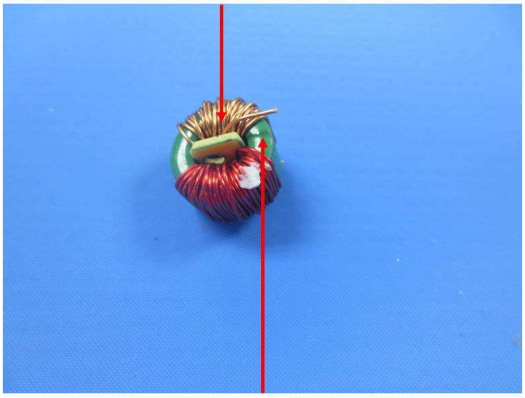

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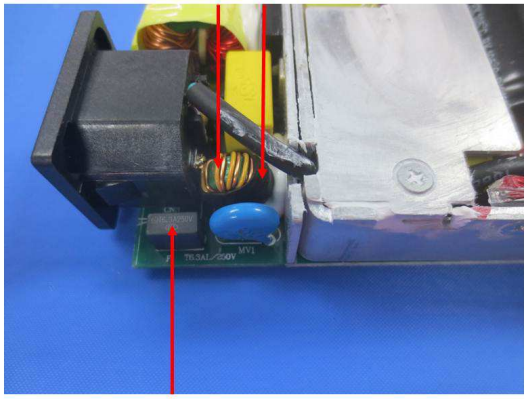

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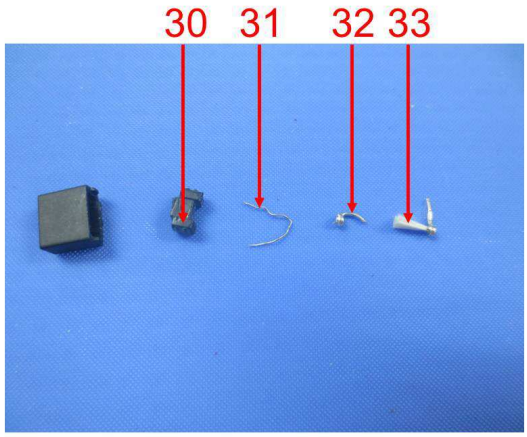

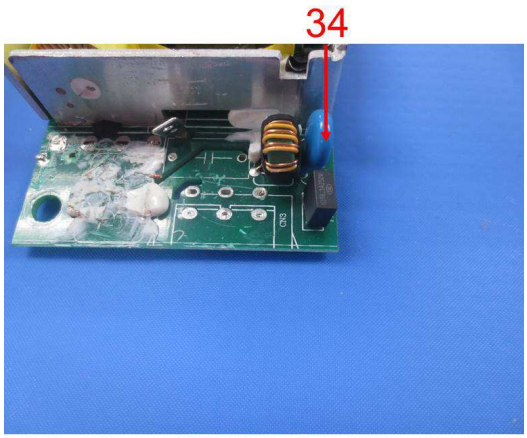

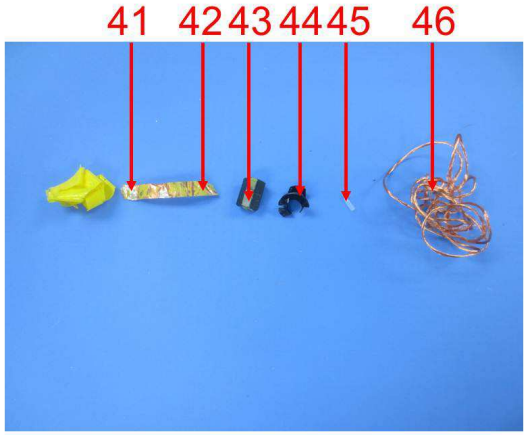

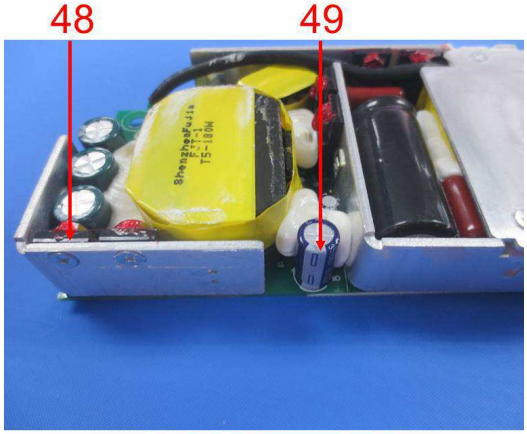

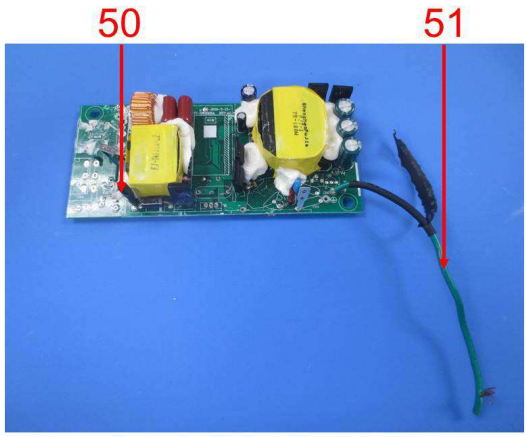

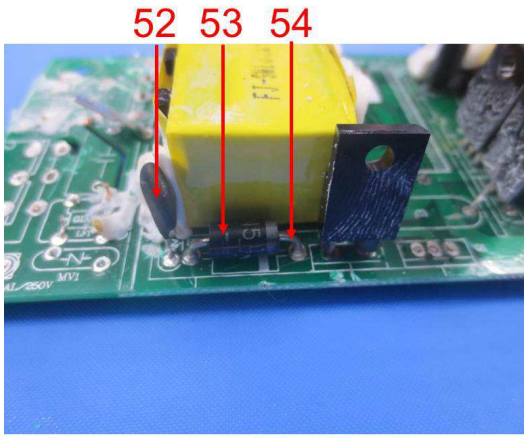

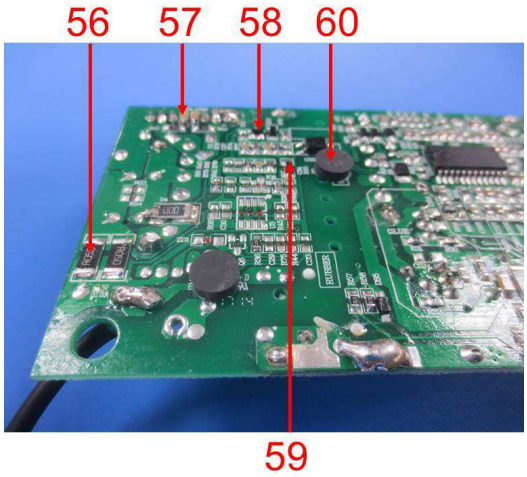

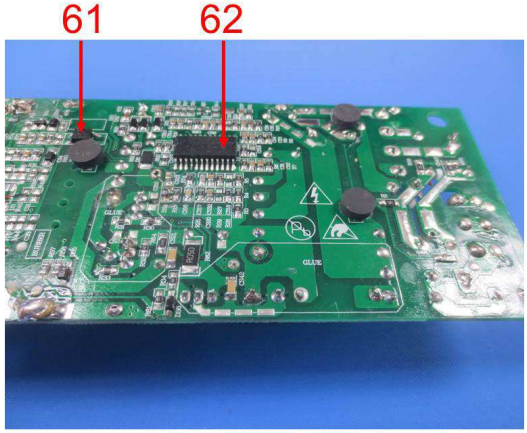

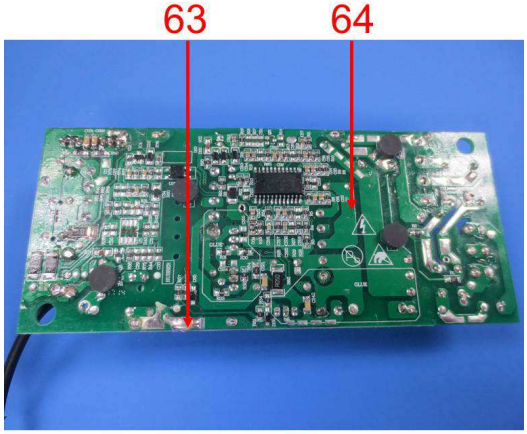

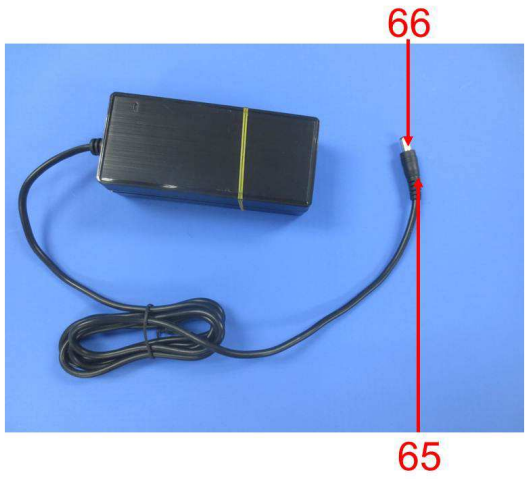

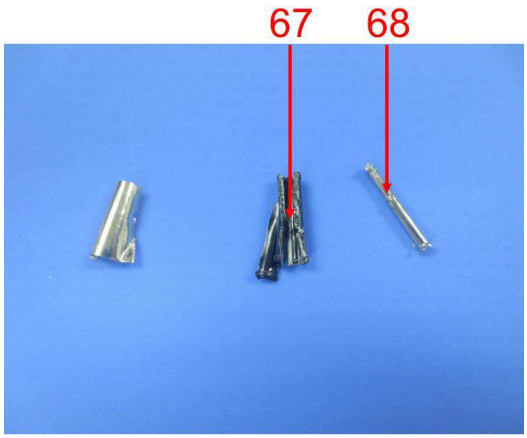

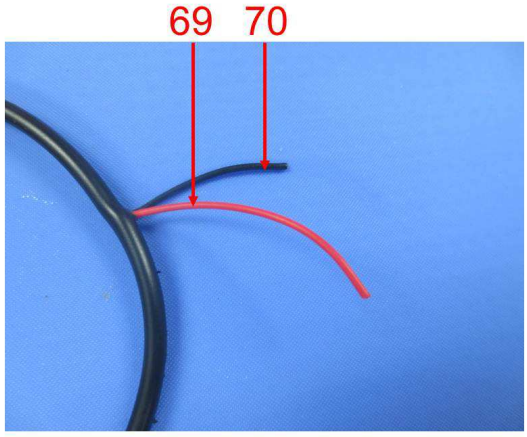

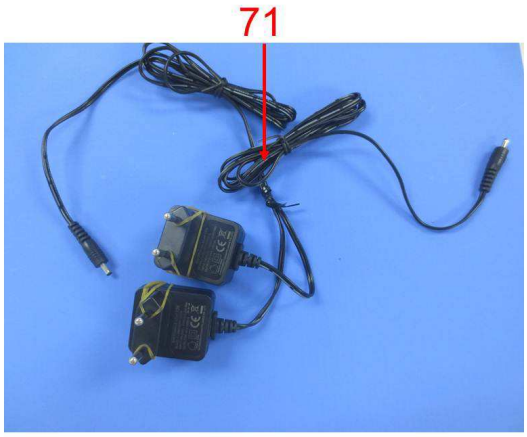

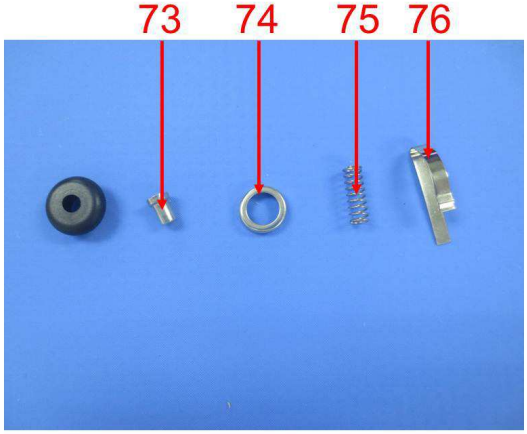

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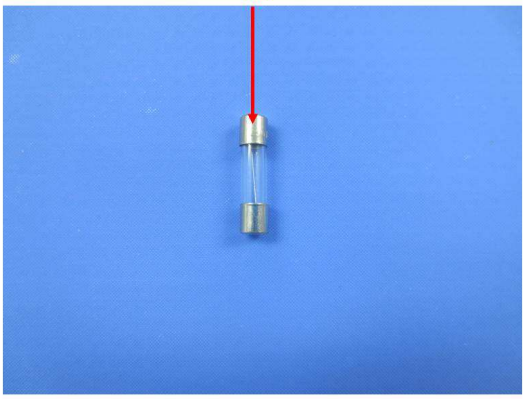

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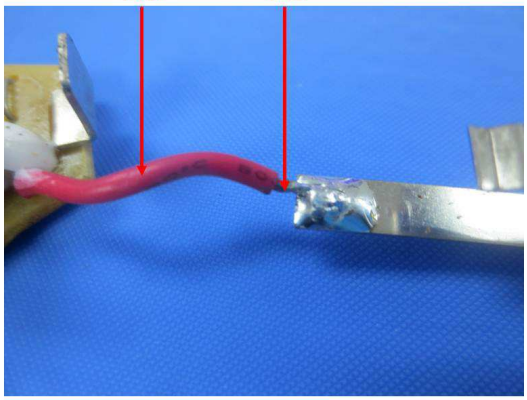

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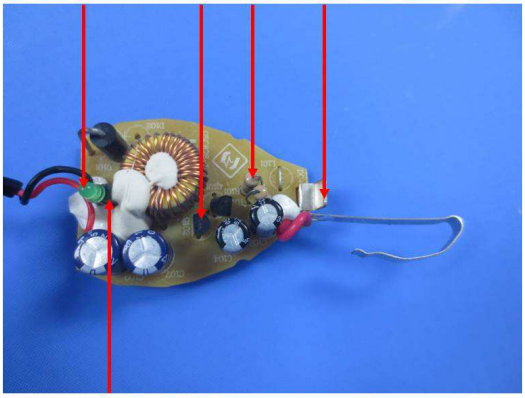

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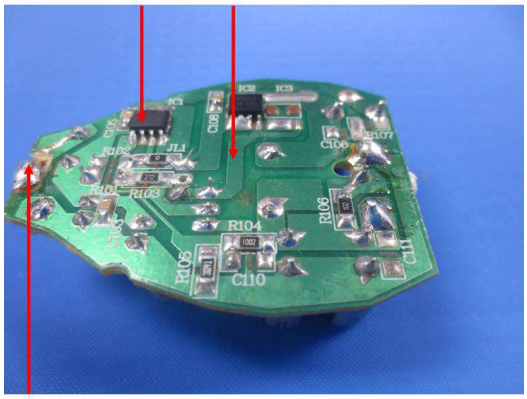

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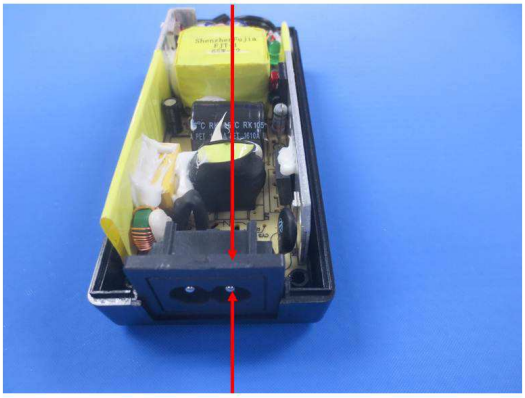

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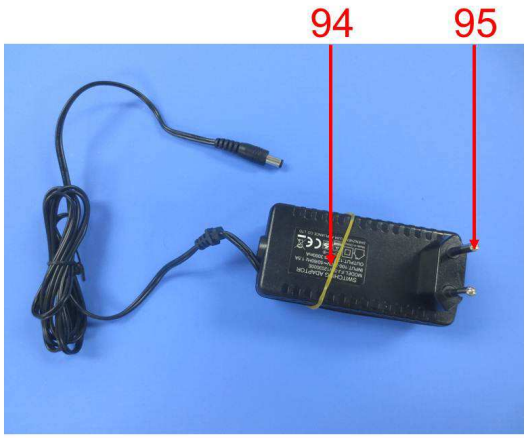

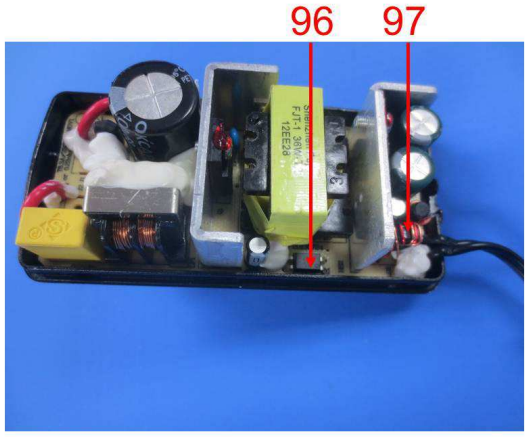

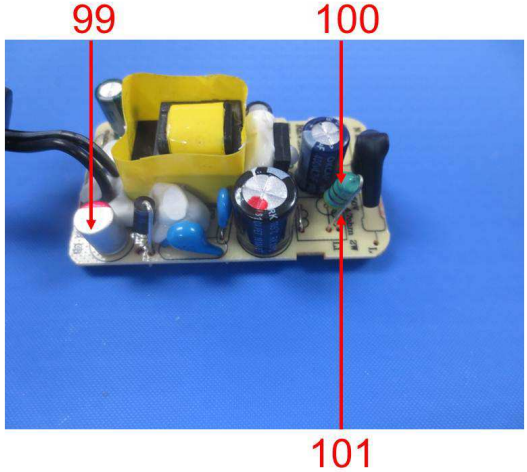

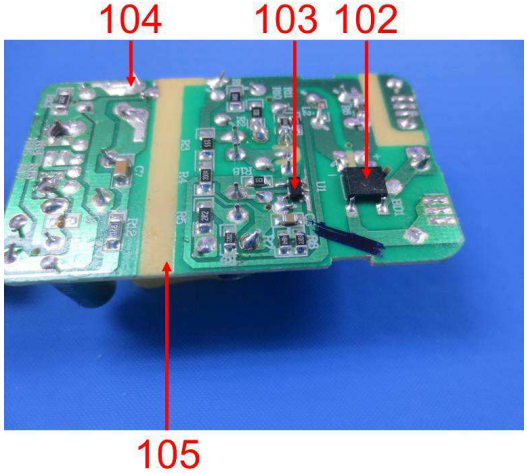

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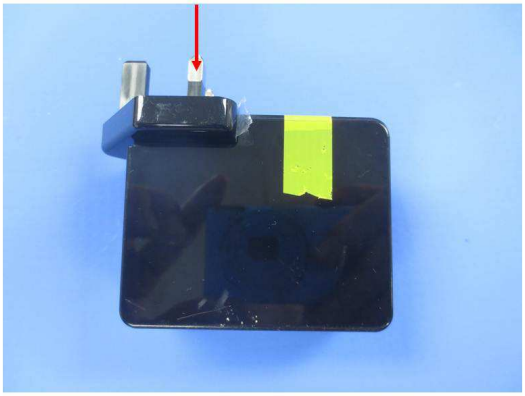

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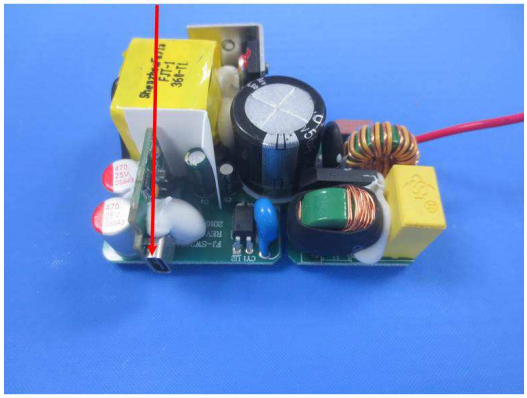

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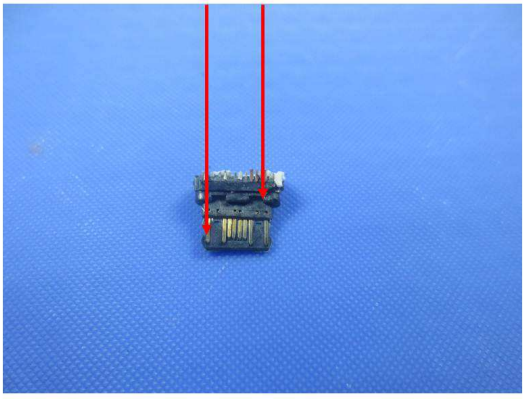

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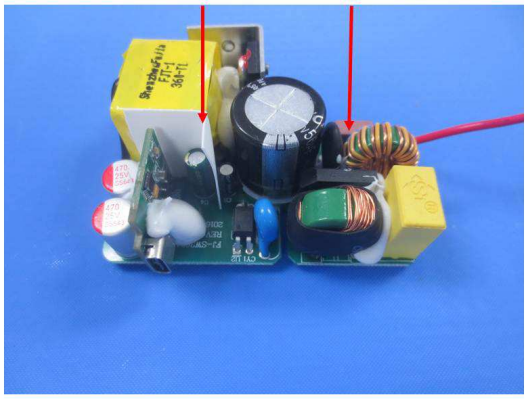

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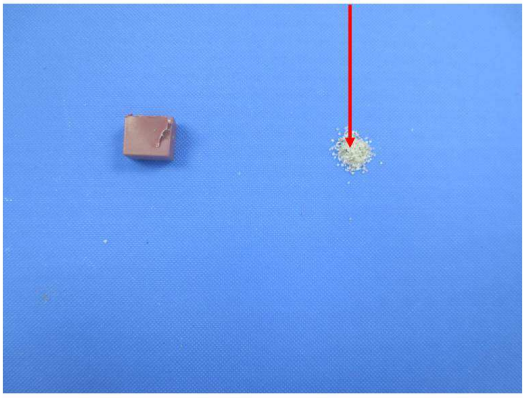

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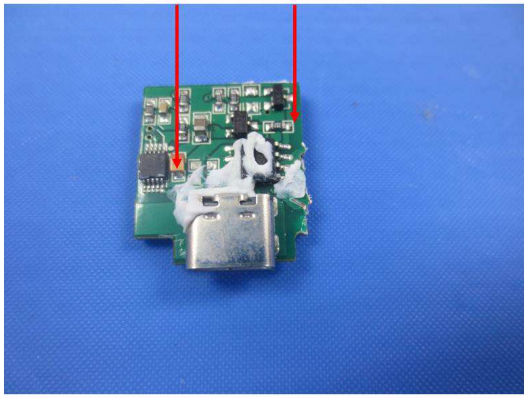

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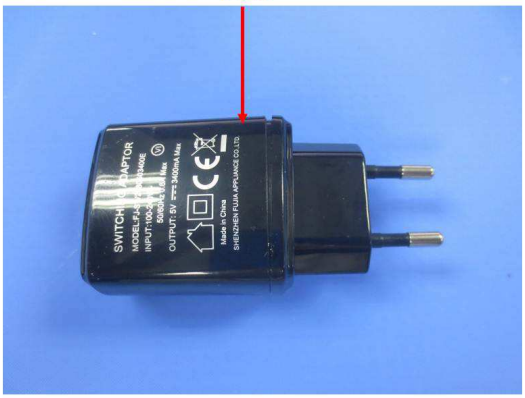

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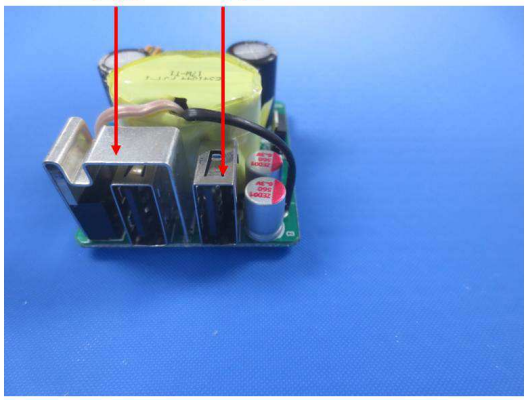
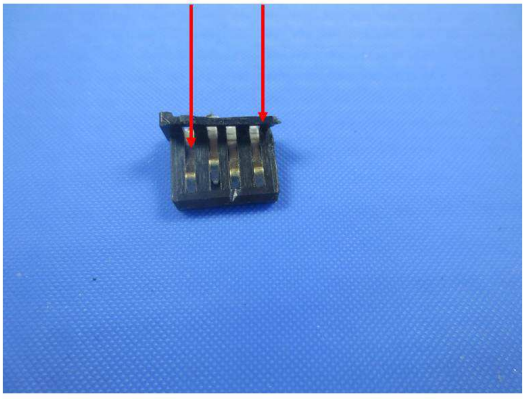


118 119



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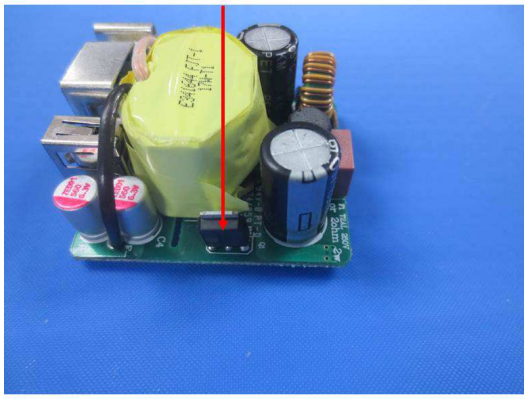

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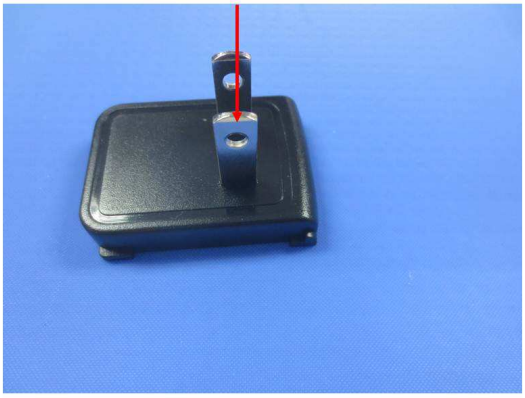
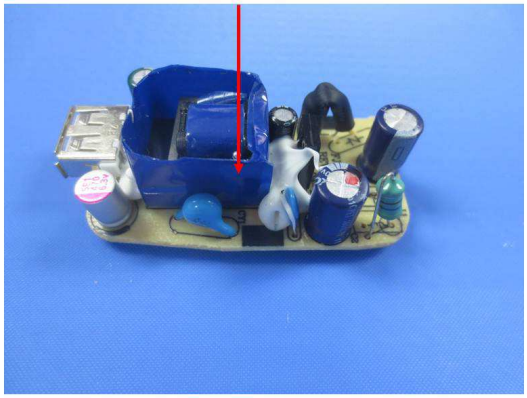
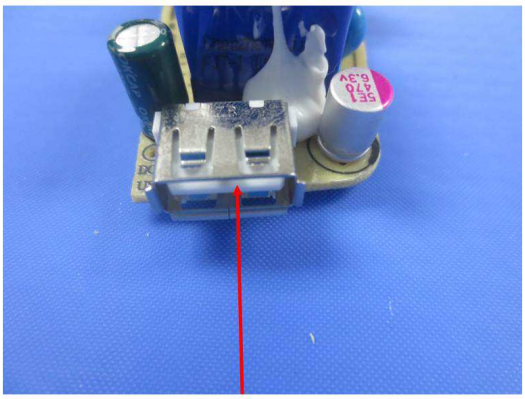


122





TEST RESULT

Compliance Test - European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)

Test Method : See Appendix.

Test Item(s)	Item / Component Description(s) + Location(s)	Style(s)
1	Black plastic (case)	-
2	Black soft plastic (connector, plug)	-
3	Black plastic (sleeve, wire)	-
4	White plastic (wire jacket)	-
5	Grey printed black soft plastic (sleeve, wire)	-
6	Coppery metal (wire)	-
7	Yellow soft plastic with adhesive (tape)	-
8	Silvery metal (cover)	-
9	Black plastic (cover)	-
10	Silvery plated golden metal (plug)	-
11	Black plastic (case, plug)	-
12	Silvery plated golden metal (connector, plug)	-
13	Silvery solder (plug)	-
14	Silvery metal (screw, connector pcb)	-
15	Silvery metal (pin, support, pcb)	-
16	Silvery metal (support, pcb)	-
17	Red glue (pcb)	-
18	Silvery metal (nut, connector support, pcb)	-
19	Black body (diode"bd1", pcb)	-
20	Grey printed yellow body (capacitor"cn3", pcb)	-
21	White glue (pcb)	-
22	Yellow soft plastic with adhesive (tape, inductor"l12", pcb)	-
23	Brown pcb (inductor"l12", pcb)	-
24	Red printed coppery metal (coil, inductor"l12", pcb)	-
25	Coppery metal (coil, inductor"l12", pcb)	-
26	Green core (coil holder, inductor"l12", pcb)	-
27	Transparent/ yellow plastic (wire jacket, inductor"lf1", pcb)	-
28	Grey printed black soft plastic (sleeve, inductor"lf1", pcb)	-
29	Black plastic (cover, fuse"f1", pcb)	-
30	Black plastic (base, fuse"f1", pcb)	-
31	Silvery metal (wire, fuse"f1", pcb)	-
32	Silvery metal (connector, fuse"f1", pcb)	-
33	White fabric (fuse"f1", pcb)	-
34	Grey printed blue body (capacitor"mv1", pcb)	-
35	Grey printed black soft plastic (sleeve, wire)	-
36	Grey printed black soft plastic (sleeve, capacitor"c4", pcb)	-
37	Silvery body (capacitor"c4", pcb)	-
38	Silvery plated coppery metal (pin, capacitor"c4", pcb)	-
39	Brown body (capacitor"c3", pcb)	-
40	Yellow soft plastic with adhesive (tape, inductor, pcb)	-
41	Silvery solder (inductor, pcb)	-
42	Coppery metal (foil, inductor, pcb)	-
43	Black core (inductor, pcb)	-

44	Black plastic (ciol holder, inductor, pcb)	-
45	White transparent soft plastic (sleeve, coil, inductor, pcb)	-
46	Coppery metal (coil, inductor, pcb)	-
47	Grey printed green soft plastic (sleeve, capacitor"c9", pcb)	-
48	Black body (transistor"q1", pcb)	-
49	Grey printed blue soft plastic (capacitor"c6", pcb)	-
50	Grey printed black soft plastic (sleeve, capacitor"c11", pcb)	-
51	Yellow/ green plastic (wire jacket)	-
52	Grey printed black body (capacitor"c11", pcb)	-
53	Grey printed black body (diode"d1", pcb)	-
54	Silvery plated coppery metal (pin, diode"d1", pcb)	-
55	Yellow ceramic (coil holder, inductor, pcb)	-
56	Silvery printed black body (smd resistor"r55", pcb)	-
57	Brown body (smd capacitor"c31", pcb)	-
58	Black body (smd transistor"ic4", pcb)	-
59	Black body (smd diode"zd2", pcb)	-
60	Black soft plastic (gasket, pcb)	-
61	Black body (ic"us3", pcb)	-
62	Grey printed black body (ic"u1", pcb)	-
63	Silvery solder (pcb)	-
64	Green pcb (pcb)	-
65	Black soft plastic (case, plug)	-
66	Silvery plated golden metal (plug)	-
67	Black plastic (inner plug)	-
68	Silvery metal (connector, plug)	-
69	Red plastic (wire jacket)	-
70	Black plastic (wire jacket)	-
71	Grey printed black plastic (wire jacket)	-
72	Black plastic (connector, charge)	-
73	Silvery metal (sleeve, charge)	-
74	Silvery metal (cover, charge)	-
75	Silvery metal (spring, charge)	-
76	Silvery metal (contact plate, charge)	-
77	Silvery/ transparent body (fuse, charge)	-
78	Red rose soft plastic (wire jacket)	-
79	Silvery plated coppery metal (wire)	-
80	Green body (led, pcb)	-
81	Silvery metal (pin, led, pcb)	-
82	Black plastic (support, led, pcb)	-
83	Black body (transistor"q101", pcb)	-
84	Multi-color printed brown body (resistor"r101", pcb)	-
85	Silvery metal (connector, pcb)	-
86	Grey printed black body (ic1, pcb)	-
87	Silvery solder (pcb)	-
88	Brown/ green pcb (pcb)	-
89	Black plastic (case, plug)	-
90	Silvery plated golden metal (plug)	-
91	Coppery metal (inductor"l1", pcb)	-
92	Black core (coil holder, inductor"l1", pcb)	-
93	Multi-color printed grey body (resistor"r1", pcb)	-
94	White printed black plastic with adhesive (label, case)	-
95	Silvery plated golden metal (plug)	-

96	Black/ white body (diode"d1", pcb)	-
97	Black core (coil holder, inductor, pcb)	-
98	Silvery metal (contact plate, plug)	-
99	Red printed silvery body (capacitor"c8", pcb)	-
100	Multi-color printed green body (inductor"l1", pcb)	-
101	Silvery plated coppery metal (pin, inductor"l1", pcb)	-
102	Black body (diode"bd1", pcb)	-
103	Black body (smd u1, pcb)	-
104	Silvery solder (pcb)	-
105	Bone/ green pcb (pcb)	-
106	Silvery plated golden metal (plug)	-
107	Silvery metal (cover, housing, pcb)	-
108	Golden metal (contact plate, housing, pcb)	-
109	Black plastic (inner housing, pcb)	-
110	White plastic (pcb)	-
111	Brown plastic (case, fuse"f1", pcb)	-
112	White powder (fuse"f1", pcb)	-
113	Yellow body (smd ec, pcb)	-
114	Green pcb (small pcb)	-
115	Silvery printed black plastic (case)	-
116	Silvery metal (connector, pcb)	-
117	Silvery plated golden metal (case, housing, pcb)	-
118	Silvery plated golden metal (contact plate, housing, pcb)	-
119	Black plastic (inner housing, pcb)	-
120	Black body (transistor"q1", pcb)	-
121	Silvery plated golden metal (plug)	-
122	Blue soft plastic with adhesive (tape, inductor, pcb)	-
123	White plastic (inner housing, pcb)	-

See Analytes and their corresponding Maximum Allowable Limit in Appendix

-	**Result**						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	**Conclusion**
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
1	ND	ND	ND	ND	ND	ND	PASS
2	ND	ND	ND	ND	ND	ND	PASS
3	ND	ND	ND	ND	ND	ND	PASS
4	ND	ND	ND	ND	ND	ND	PASS
5	ND	ND	ND	ND	ND*	ND*	PASS
6	ND	ND	ND	ND	NA	NA	PASS
7	ND	ND	ND	ND	ND	ND	PASS
8	ND	ND	ND	ND	NA	NA	PASS
9	ND	ND	ND	ND	ND*	ND*	PASS
10	ND	ND	ND	ND	NA	NA	PASS
11	ND	ND	ND	ND	ND*	ND*	PASS
12	ND	ND	ND	ND	NA	NA	PASS
13	ND	ND	ND	ND	NA	NA	PASS
14	ND	ND	ND	Negative*	NA	NA	PASS
15	ND	ND	ND	ND	NA	NA	PASS
16	ND	ND	ND	ND	NA	NA	PASS
17	ND	ND	ND	ND	ND	ND	PASS

-	**Result**						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	**Conclusion**
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
18	ND	ND	ND	ND	NA	NA	PASS
19	>1500[#]	ND	ND	ND	ND*	ND*	EXEMPTED[#]
20	ND	ND	ND	ND	ND*	ND*	PASS
21	ND	ND	ND	ND	ND	ND	PASS
22	ND	ND	ND	ND	ND	ND	PASS
23	ND	ND	ND	ND	ND*	ND*	PASS
24	ND	ND	ND	Negative*	NA	NA	PASS
25	ND	ND	ND	ND	NA	NA	PASS
26	ND	ND	ND	ND	NA	NA	PASS
27	ND	ND	ND	ND	ND	ND	PASS
28	ND	ND	ND	ND	ND	ND	PASS
29	ND	ND	ND	ND	ND	ND	PASS
30	ND	ND	ND	ND	ND	ND	PASS
31	ND	ND	ND	ND	NA	NA	PASS
32	ND	ND	ND	ND	NA	NA	PASS
33	ND	ND	ND	ND	ND	ND	PASS
34	ND	ND	ND	ND	ND	ND	PASS
35	ND	ND	ND	ND	ND	ND	PASS
36	ND	ND	ND	ND	ND	ND	PASS
37	ND	ND	ND	ND	ND	ND	PASS
38	ND	ND	ND	ND	NA	NA	PASS
39	ND	ND	ND	ND*	ND	ND	PASS
40	ND	ND	ND	ND	ND	ND	PASS
41	ND	ND	ND	ND	NA	NA	PASS
42	ND	ND	ND	ND	NA	NA	PASS
43	ND	ND	ND	ND*	NA	NA	PASS
44	ND	ND	ND	ND	ND	ND	PASS
45	ND	ND	ND	ND	ND	ND	PASS
46	ND	ND	ND	ND	NA	NA	PASS
47	ND	ND	ND	ND	ND	ND	PASS
48	>1500[#]	ND	ND	ND	ND	ND	EXEMPTED[#]
49	ND	ND	ND	ND	ND	ND	PASS
50	ND	ND	ND	ND	ND	ND	PASS
51	ND	ND	ND	ND	ND	ND	PASS
52	ND	ND	ND	ND	ND	ND	PASS
53	>1500[#]	ND	ND	ND	ND*	ND*	EXEMPTED[#]
54	ND	ND	ND	ND	NA	NA	PASS
55	ND	ND	ND	ND	NA	NA	PASS
56	ND	ND	ND	ND	ND	ND	PASS
57	ND	ND	ND	ND	ND*	ND*	PASS
58	ND	ND	ND	ND	ND	ND	PASS
59	ND	ND	ND	ND	ND	ND	PASS
60	ND	ND	ND	ND	ND*	ND*	PASS
61	ND	ND	ND	ND	ND	ND	PASS
62	ND	ND	ND	ND	ND	ND	PASS
63	ND	ND	ND	ND	NA	NA	PASS
64	ND	ND	ND	ND	ND*	ND*	PASS

-	**Result**						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	**Conclusion**
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
65	ND	ND	ND	ND	ND	ND	PASS
66	ND	ND	ND	ND	NA	NA	PASS
67	ND	ND	ND	ND	ND	ND	PASS
68	ND	ND	ND	ND	NA	NA	PASS
69	ND	ND	ND	ND	ND	ND	PASS
70	ND	ND	ND	ND	ND	ND	PASS
71	ND	ND	ND	ND	ND	ND	PASS
72	ND	ND	ND	ND	ND	ND	PASS
73	ND	ND	ND	ND	NA	NA	PASS
74	ND	ND	ND	ND	NA	NA	PASS
75	ND	ND	ND	ND	NA	NA	PASS
76	ND	ND	ND	ND	NA	NA	PASS
77	ND	ND	ND	ND	ND	ND	PASS
78	ND	ND	ND	ND	ND	ND	PASS
79	ND	ND	ND	ND	NA	NA	PASS
80	ND	ND	ND	ND	ND	ND	PASS
81	ND	ND	ND	ND	NA	NA	PASS
82	ND	ND	ND	ND	ND*	ND*	PASS
83	ND	ND	ND	ND	ND*	ND*	PASS
84	ND	ND	ND	ND	ND	ND	PASS
85	ND	ND	ND	ND	NA	NA	PASS
86	ND	ND	ND	ND	ND*	ND*	PASS
87	ND	ND	ND	ND	NA	NA	PASS
88	ND	ND	ND	ND	ND	ND	PASS
89	ND	ND	ND	ND	ND*	ND*	PASS
90	ND	ND	ND	ND	NA	NA	PASS
91	ND	ND	ND	ND	NA	NA	PASS
92	ND	ND	ND	ND	NA	NA	PASS
93	ND	ND	ND	ND	ND	ND	PASS
94	ND	ND	ND	ND	ND	ND	PASS
95	34600*#	18.6*	ND	ND	NA	NA	EXEMPTED#
96	ND	ND	ND	ND	ND*	ND*	PASS
97	ND	ND	ND	ND*	NA	NA	PASS
98	ND	ND	ND	Negative*	NA	NA	PASS
99	ND	ND	ND	ND	ND	ND	PASS
100	ND	ND	ND	ND	ND	ND	PASS
101	ND	ND	ND	ND	NA	NA	PASS
102	ND	ND	ND	ND	ND*	ND*	PASS
103	ND	ND	ND	ND	ND	ND	PASS
104	ND	ND	ND	ND	NA	NA	PASS
105	ND	ND	ND	ND	ND*	ND*	PASS
106	24900*#	ND	ND	ND	NA	NA	EXEMPTED#
107	ND	ND	ND	Negative*	NA	NA	PASS
108	ND	ND	ND	ND	NA	NA	PASS
109	ND	ND	ND	ND	ND	ND	PASS
110	ND	ND	ND	ND	ND*	ND*	PASS
111	ND	ND	ND	ND	ND	ND	PASS

-	**Result**						
Parameter	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium VI (Cr VI)	PBBs	PBDEs	**Conclusion**
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	-
Test Item(s)	-	-	-	-	-	-	-
112	ND	ND	ND	ND	ND	ND	PASS
113	ND	ND	ND	ND	ND	ND	PASS
114	ND	ND	ND	ND	ND*	ND*	PASS
115	ND	ND	ND	ND	ND	ND	PASS
116	ND	ND	ND	ND	NA	NA	PASS
117	ND	ND	ND	ND	NA	NA	PASS
118	ND	ND	ND	ND	NA	NA	PASS
119	ND	ND	ND	ND	ND*	ND*	PASS
120	>1500#	ND	ND	ND	ND	ND	EXEMPTED#
121	ND	ND	ND	ND	NA	NA	PASS
122	ND	ND	ND	ND	ND	ND	PASS
123	ND	ND	ND	ND	ND*	ND*	PASS

Note / Key :

ND = Not detected
NR = Not requested
% = percent
Detection Limit : See Appendix.
">" = Greater than
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
10 000 mg/kg = 1 %
NA = Not applicable

Remark :

- The testing approach is listed in table of Appendix.
- *denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, non-uniformity composition, surface flatness.
- Only selected example(s) is (are) indicated on the photograph(s) in Comment.
- According to European Parliament and Council Directive 2011/65/EU, Article 5 "Adaptation of the Annexes to scientific and technical progress", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
- #According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 6(c) is reiterated here "Copper alloy containing up to 4 % lead by weight.". Test Item(s) 95, 106 was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found lead level should be exempted.
- #According to Annex III of European Council Directive 2011/65/EU, exemptions were granted a few materials and Clause 7(a) is reiterated here "Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead).". Test Item(s) 19, 48, 53, 120 was (were) claimed as is by client (received as is). Therefore, this (these) Test Item(s) containing the found lead level should be exempted.

APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit [Compliance Test for European Parliament and Council Directive 2011/65/EU] :

No.	Name of Analytes	Detection Limit (mg/kg)				Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF)[a]			Wet Chemistry	
		Plastic	Metallic / glass / ceramic	Others		
1	Lead (Pb)	100	200	200	10[b]	1 000
2	Cadmium (Cd)	50	50	50	10[b]	100
3	Mercury (Hg)	100	200	200	10[c]	1 000
4	Chromium (Cr)	100	200	200	NA	NA
5	Chromium VI (Cr VI)	NA	NA	NA	3[g, h] / 10[d] / See [e, j]	1 000 / Negative[j]
6	Bromine (Br)	200	NA	200	NA	NA
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50[f]	Sum 1 000
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50[f]	Sum 1 000

NA = Not applicable

[a] Test method with reference to International Standard IEC 62321-3-1: 2013.

[b] Test method with reference to International Standard IEC 62321-5: 2013.

[c] Test method with reference to International Standard IEC 62321-4: 2013.

[d] Polymers and Electronics - Test method with reference to European Standard EN 62321: 2009, Annex C.

[e] Metal - Test method with reference to International Standard IEC 62321-7-1: 2015 [i].

[f] Test method with reference to International Standard IEC 62321-6: 2015.

[g] Leather - Test method International Standard ISO 17075: 2007.

[h] Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075: 2007.

[i] The principle of this method was evaluated and supported by two studies organized by IEC TC 111 WG3. These studies were focused on detecting the presence of Cr VI in the corrosion protection coatings on metallic samples.

[j] Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested

areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).

Testing Approach [Compliance Test for European Parliament and Council Directive 2011/65/EU] :	
The testing approach was with reference to the following document(s).	
1	International Standards IEC 62321-1: 2013 and IEC 62321-2: 2013
2	"RoHS Enforcement Guidance Document Version 1" by EU RoHS Enforcement Authorities Informal Network. (May 2006)
3	"RoHS Regulations - Government Guidance Notes" by United Kingdom Department for Business Innovation & Skills. (February 2011)
4	"Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium" by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)

END