

TEST REPORT

CheckCode:226113
Report No.:C202109165261-3E

Applicant: HEIBEI GONGDA KEYA ENERGY TECHNOLOGY CO.,LTD
Address: Unit 6, building 9, Runjiang headquarters, 319 Changjiang Avenue, high tech Zone, Shijiazhuang

The following sample information was submitted and identified by/on the behalf of the client

Name: Intelligent ball valve
Specifications : GZNF-32/D
Reference GZNF-20/D, GZNF-25/D, GZNF-40/D, GZNF-50/D, GZNF-65/D, GZNF-80/D,
Specifications : GZNF-100/D, GZNF-125/D, GZNF-150/D, GZNF-200/D, GZNF-250/D
Sample State: Normal

Date of Receipt: Sep. 30, 2021 **Test Period:** Sep. 30, 2021 – Oct. 12, 2021
Nov. 11, 2021 Nov. 11, 2021 – Nov. 15, 2021
Nov. 24, 2021 Nov. 24, 2021 – Dec. 1, 2021

Test Request: As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium [Cr(VI)], Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) content in the submitted sample(s).

Judge Standard: RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Test Result: Please refer to following page(s).

Conclusion: Based on the performed test on selected part of submitted sample, the result(s) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Edited by Guo Yiyang Reviewed by Huang Yingkun Approved by Zheng Xiaojing



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Seal of:

GUANGZHOU GRG METROLOGY & TEST CO., LTD.

Issue date: Dec. 27, 2021

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GUANGZHOU GRG METROLOGY & TEST CO., LTD.

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Test Result:

Test Methods:

Test Item(s)	Test Method	Measuring Instrument	MDL	Limit
Pb, Cd, Hg, Cr(VI), PBBs, PBDEs	IEC 62321-3-1:2013	XRF	20mg/kg	---
Lead (Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg	1000mg/kg
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg	100mg/kg
Mercury (Hg)	IEC 62321-4:2013 +AMD1:2017	ICP-OES	2mg/kg	1000mg/kg
Hexavalent Chromium [Cr(VI)]	IEC 62321-7-2:2017	UV-Vis	8mg/kg	1000mg/kg
	IEC 62321-7-1:2015	UV-Vis	0.10µg/cm ²	---
Polybrominated biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	50mg/kg	1000mg/kg
Polybrominated diphenyl ethers (PBDEs)	IEC 62321-6:2015	GC-MS	50mg/kg	1000mg/kg
Bis(2-ethylhexyl) phthalate (DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg	1000mg/kg
Benzyl butyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	50mg/kg	1000mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg	1000mg/kg
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg	1000mg/kg

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1	Golden metal shell	Pb	OL	15040Φ	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
2	Black plastic part (On No.1)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
3	Silvery metal screw (On No.2)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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4	Black plastic part (On No.2)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
5	Silvery metal screw (On No.4)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
6	Golden metal part (On No.1)	Pb	OL	18140Φ	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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7	Red glue	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
8	Black plastic ring (In No.1)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
9	Black rubber ring (In No.1)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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10	Black plastic ring (In No.1)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
11	Silvery metal part (In No.1)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
12	Beige plastic part (In No.1)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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13	Silvery metal part (In No.1)	Pb	OL	17280Φ	Comply
		Cd	IN	17	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
14	White plastic ring (On No.13)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
15	Green rubber ring (On No.13)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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16	Black plastic shell (On No.1)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
17	Red plastic cover (On No.16)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
18	Black adhesive plastic sheet with white printing (On No.17)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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19	Silvery metal screw (On No.17)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
20	Silvery metal washer (On No.19)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
21	Black plastic switch (small) (On No.17)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	IN	N.D.	Comply
		PBDEs		N.D.	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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22	Black plastic switch (big) (On No.16)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
23	Black surfaced metal spring (In No.22)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
24	Black plastic part (On No.16)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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25	Silvery metal screw (On No.24)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
26	Silvery metal washer (On No.25)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
27	Black plastic part (On No.24)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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28	Silvery metal part (On No.27)	Pb	OL	150	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
29	Black plastic part (On No.28)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
30	Black plastic cover (On No.16)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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31	Black plastic part (On No.16)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
32	Black rubber part (In No.31)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
33	Black plastic cover (On No.31)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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34	Black plastic cable jacket with white printing (In No.31)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
35	Blue plastic jacket (In No.34)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
36	White plastic jacket (In No.34)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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TEST REPORT

CheckCode:226113
Report No.:C202109165261-3E

No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
37	Brown plastic jacket (In No.34)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
38	Copper-colored metal wire (In No.37)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
39	Copper-colored metal wire with solder (On No.38)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
40	Silvery metal sheet (In No.16)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
41	Black surfaced metal screw (On No.40)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
42	Silvery metal rod (On No.40)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
43	Silvery metal sheet (On No.42)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
44	Black rubber sheet (On No.43)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	132	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
45	Silvery metal rod (On No.43)	Pb	OL	1302φ	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
46	Black surfaced metal spring (On No.45)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
47	Black plastic washer (On No.45)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	IN	N.D.	Comply
		PBDEs		N.D.	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
48	Silvery-grey metal rod(small)(On No.43)	Pb	IN	1429φ	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
49	Silvery-grey metal rod (middle) (On No.43)	Pb	OL	1720φ	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
50	Silvery-grey metal rod (big) (On No.43)	Pb	OL	1670φ	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
51	Silvery-grey metal gear (On No.43)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
52	Golden metal part (On No.51)	Pb	OL	17230Φ	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
53	Silvery metal gear (On No.43)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
54	Silvery metal part (On No.43)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
55	Silvery metal gear (On No.54)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
56	White plastic part (On No.54)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
57	White plastic gear (On No.43)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
58	White plastic part (On No.43)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
59	White plastic gear (On No.43)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
60	Green"PCB" (In No.17)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	IN	N.D.	Comply
		PBDEs		N.D.	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
61	Silvery metal solder (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
62	Silvery metal shell (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
63	White plastic gear with oil (On No.62)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
64	Dk-grey core (In No.62)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
65	Golden metal part (In No.62)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
66	Silvery metal cover (In No.62)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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67	Black plastic sheet (In No.66)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
68	Beige plastic part (In No.66)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
69	Copper-colored metal sheet (In No.68)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
70	Grey carbon brush (On No.69)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
71	Golden metal sheet (On No.69)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
72	Silvery-grey metal rod (In No.62)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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73	Silvery-grey metal silicon steel sheet (On No.72)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
74	Red enamelled wire (On No.73)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
75	White plastic part (On No.73)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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76	White plastic ring (On No.72)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
77	Golden metal part (On No.72)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
78	White plastic ring (On No.72)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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CheckCode:226113
Report No.:C202109165261-3E

No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
79	Pink plastic ring (On No.72)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
80	Dk-grey core (On No.72)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
81	Silvery metal solder (On No.80)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
82	Beige translucent plastic shell(On No.80)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
83	Copper-colored metal sheet (On No.82)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
84	Copper-colored enamelled wire	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
85	Dk-green plastic shell with golden printing (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
86	Silvery metal shell (In No.85)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
87	Black rubber part (In No.86)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
88	Silvery metal part (In No.87)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
89	Silvery metal pin (On No.88)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
90	Brown translucent plastic sheet (In No.86)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
91	Grey metal foil (In No.86)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
92	Brown paper sheet with liquid (In No.86)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
93	Silvery-grey metal foil (In No.86)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
94	Black body (Q31) (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
95	Brown body (C11) (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
96	Black body with white printing (R13) (On No.60)	Pb	2610 β	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
97	Black body (IC3) (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
98	Silvery metal pin with solder (On No.97)	Pb	IN	475	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
99	Black plastic shell with white printing (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
100	Black body (IC4) (On No.60)	Pb	35656 μ	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
101	Silvery metal sheet (On No.100)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
102	Silvery metal pin (On No.100)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
103	Black body (IC2) (On No.60)	Pb	11423 μ	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
104	Lt-blue body with multi-colored printing (R32) (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
105	Lt-green plastic part (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
106	Lt-blue surfaced metal screw (In No.105)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
107	Black & grey body (D1) (On No.60)	Pb	33182 ψ	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	IN	N.D.	Comply
		PBDEs		N.D.	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
108	Silvery metal pin (In No.105)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
109	Silvery metal part (In No.105)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
110	Silvery metal part (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
111	Silvery metal pin (In No.110)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
112	Golden metal part (In No.110)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
113	Brown plastic sheet (In No.110)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
114	Black plastic button (In No.110)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
115	Silvery metal sheet (On No.114)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	IN	N.D.	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/
116	Black plastic heat shrinkable tube with white printing (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	IN	N.D.	Comply
		PBDEs		N.D.	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
117	Dk-grey core (In No.116)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
118	Copper-colored enamelled wire (On No.117)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
119	Black body (IC1) (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
120	Dk-brown body (C2) (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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TEST REPORT

CheckCode:226113
Report No.:C202109165261-3E

No.	Sample Description	Restricted Substances	Results of XRF(mg/kg)	Result of Wet Chemical Testing(mg/kg)	Conclusion on RoHS
121	Lt-brown body (C3) (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
122	Black plastic part (On No.60)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
123	Yellow adhesive plastic sheet (On No.122)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply

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124	Dk-grey core (On No.122)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	BL	/	Comply
		PBDEs		/	Comply
		DEHP	/	N.D.	Comply
		BBP	/	N.D.	Comply
		DBP	/	N.D.	Comply
		DIBP	/	N.D.	Comply
125	Silvery metal pin with solder (In No.122)	Pb	BL	/	Comply
		Cd	BL	/	Comply
		Hg	BL	/	Comply
		Cr(VI)	BL	/	Comply
		PBBs	/	/	/
		PBDEs		/	/
		DEHP	/	/	/
		BBP	/	/	/
		DBP	/	/	/
		DIBP	/	/	/

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Remark:

- (1) XRF result is on total Br while test item on restricted substances is PBBs/PBDEs. XRF result is on total Cr while test item on restricted substances is Cr(VI).
- (2) The XRF result is 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 IEC 62321-3-1: 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	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

- (3) BL=Below limit ,IN = Inconclusive, OL=Over limit, LOD=Limit of Detection;
- (4) 1mg/kg = 1ppm = 0.0001%;
- (5) “/”= Not Conducted;
- (6) “N.D.”= Not Detected (Below Method Detection Limit);
- (7) For metal sample
 - a. The sample is negative for Cr(VI) if Cr(VI) is N.D.(concentration less than 0.10 $\mu\text{g}/\text{cm}^2$).The sample coating is considered a non- Cr(VI) based coating.
 - b. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 $\mu\text{g}/\text{cm}^2$.The sample coating is considered to contain Cr(VI).
 - c. The result between 0.10 $\mu\text{g}/\text{cm}^2$ and 0.13 $\mu\text{g}/\text{cm}^2$ is considered to be inconclusive. Unavoidable coating variations may influence the determination.
- (8) ϕ : As specified by client, Lead (Pb) in specimen 45, 48, 49, 50 is exempted by Annex III to EU RoHS Directive 2011/65/EU based on : 6(a). Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0.35 % lead by weight.
- (9) Φ : As specified by client, Lead (Pb) in specimen 1, 6, 13, 52 is exempted by Annex III to EU RoHS Directive 2011/65/EU based on: 6(c).Copper alloy containing up to 4 % lead by weight.
- (10) ψ : As specified by client, Lead (Pb) in specimen 100, 103,107 is exempted by Annex III to EU RoHS Directive 2011/65/EU based on: 7(a). Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead).
- (11) β : As specified by client, Lead (Pb) in specimen 96 is exempted by Annex III to EU RoHS Directive 2011/65/EU based on: 7(c)-I.Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

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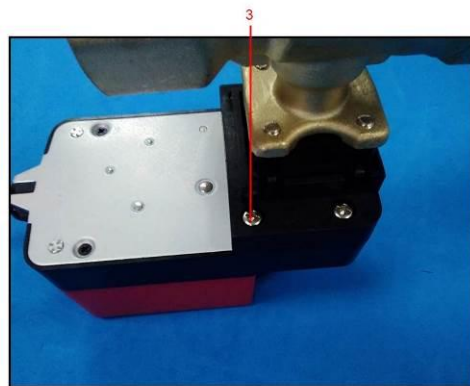
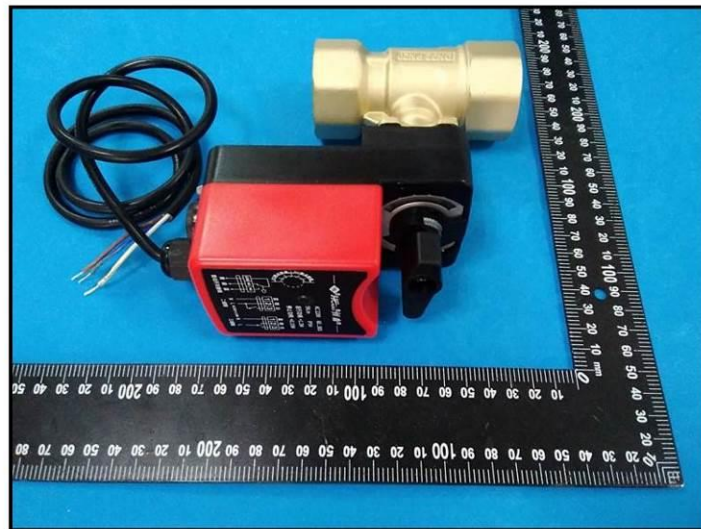
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(12) Results & photo(s) of in this report refer to test report C202109165261-1E.

Photo of Sample

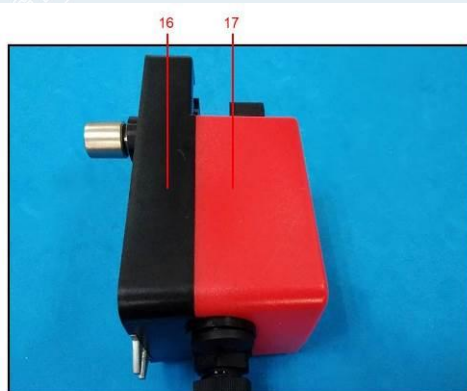
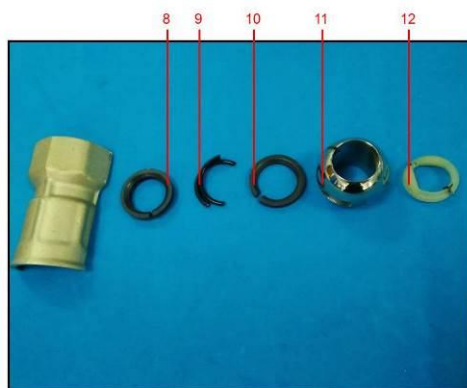
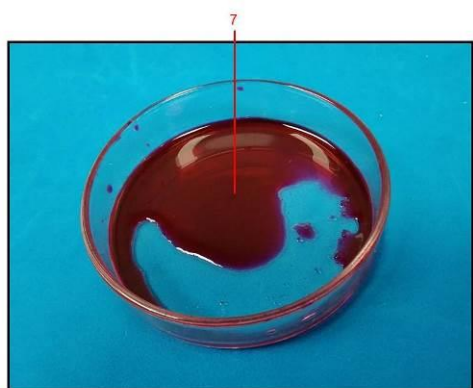
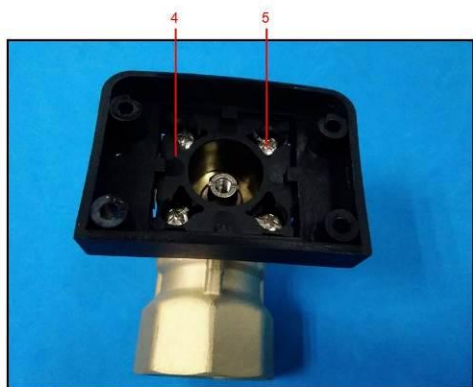


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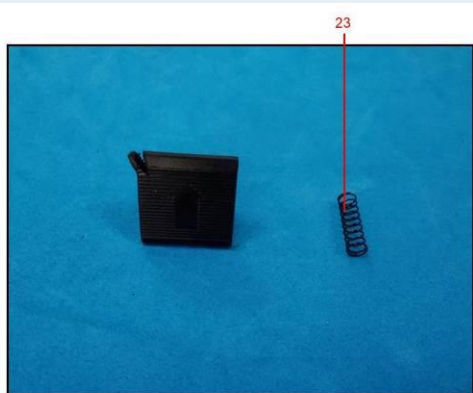
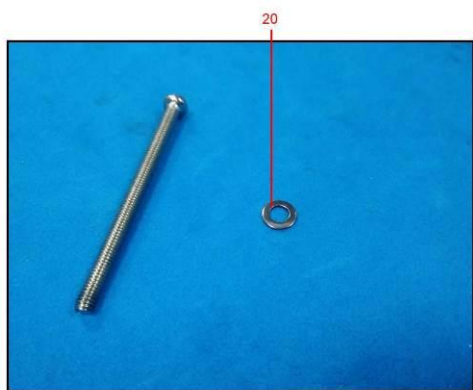
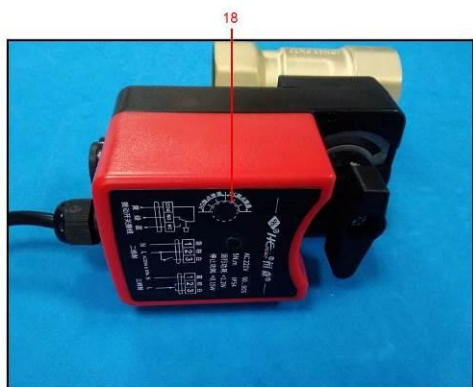


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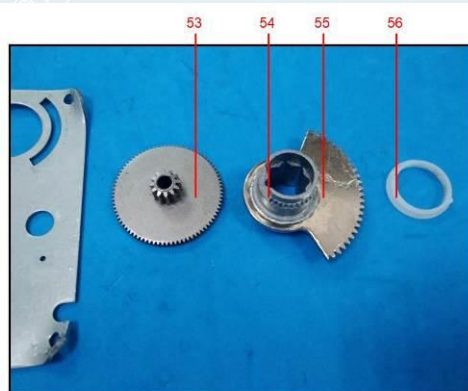
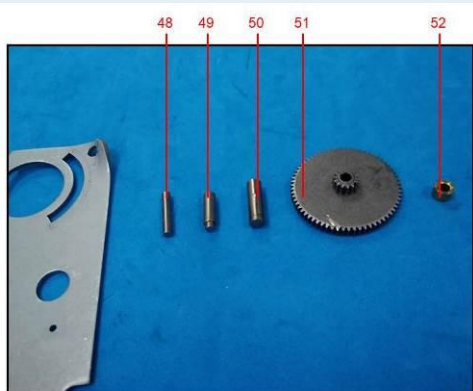
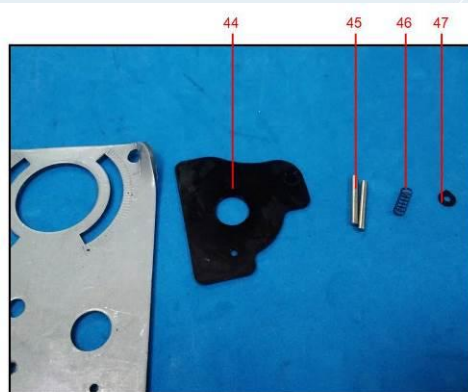
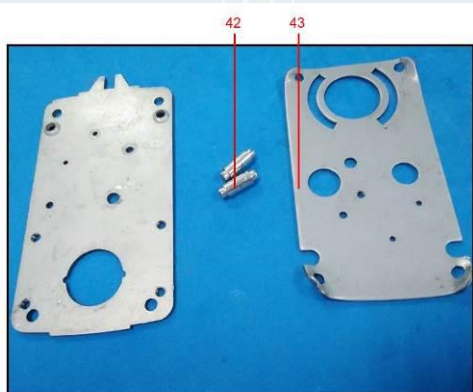
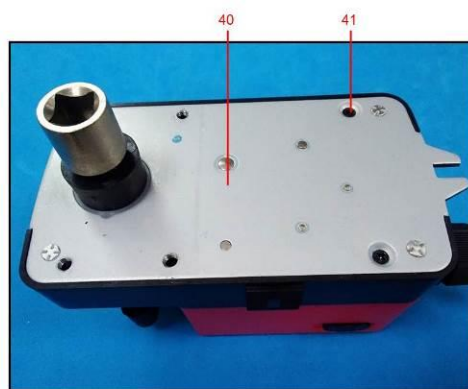
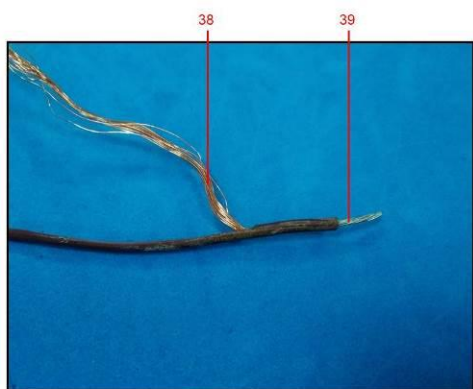


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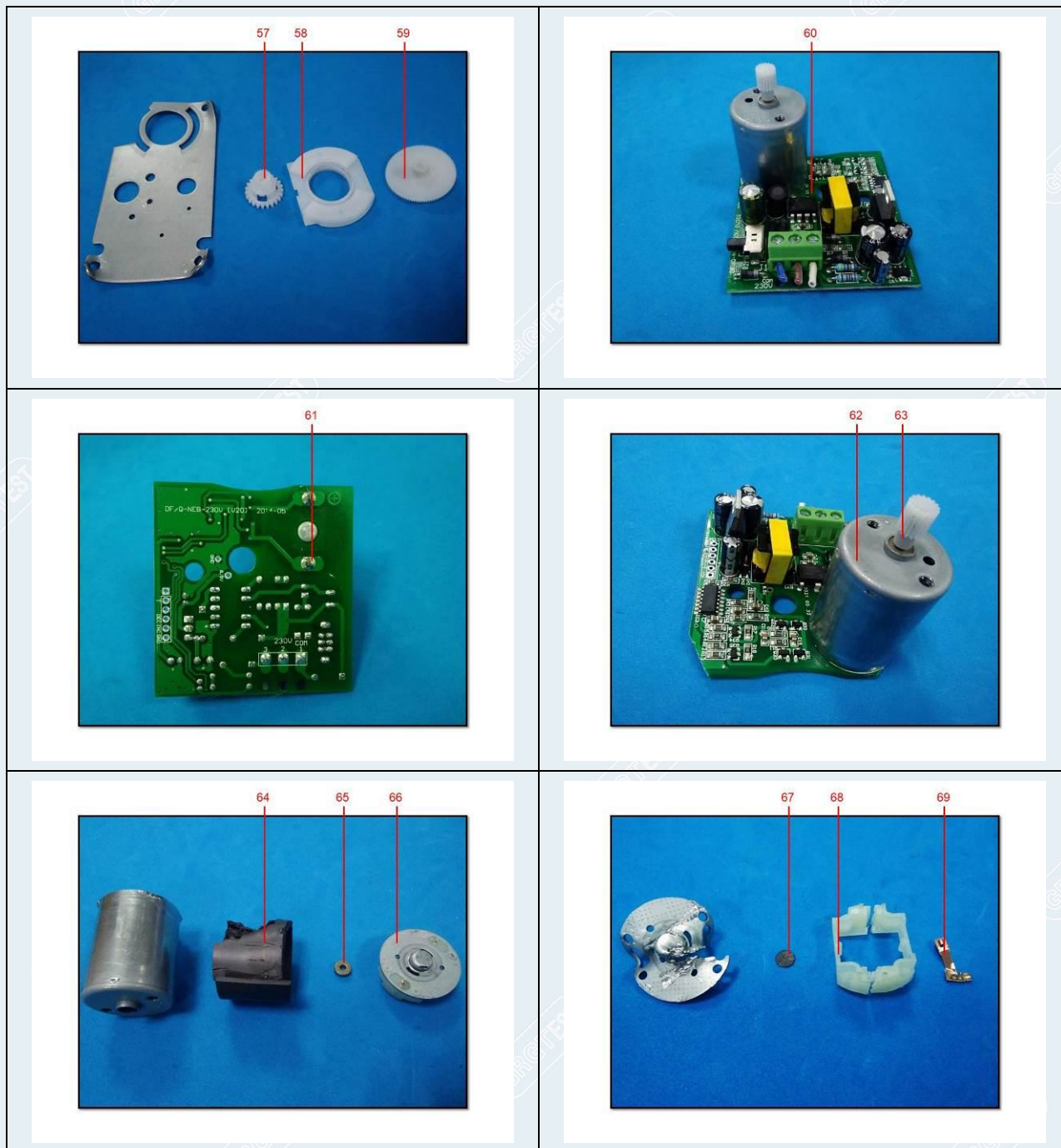


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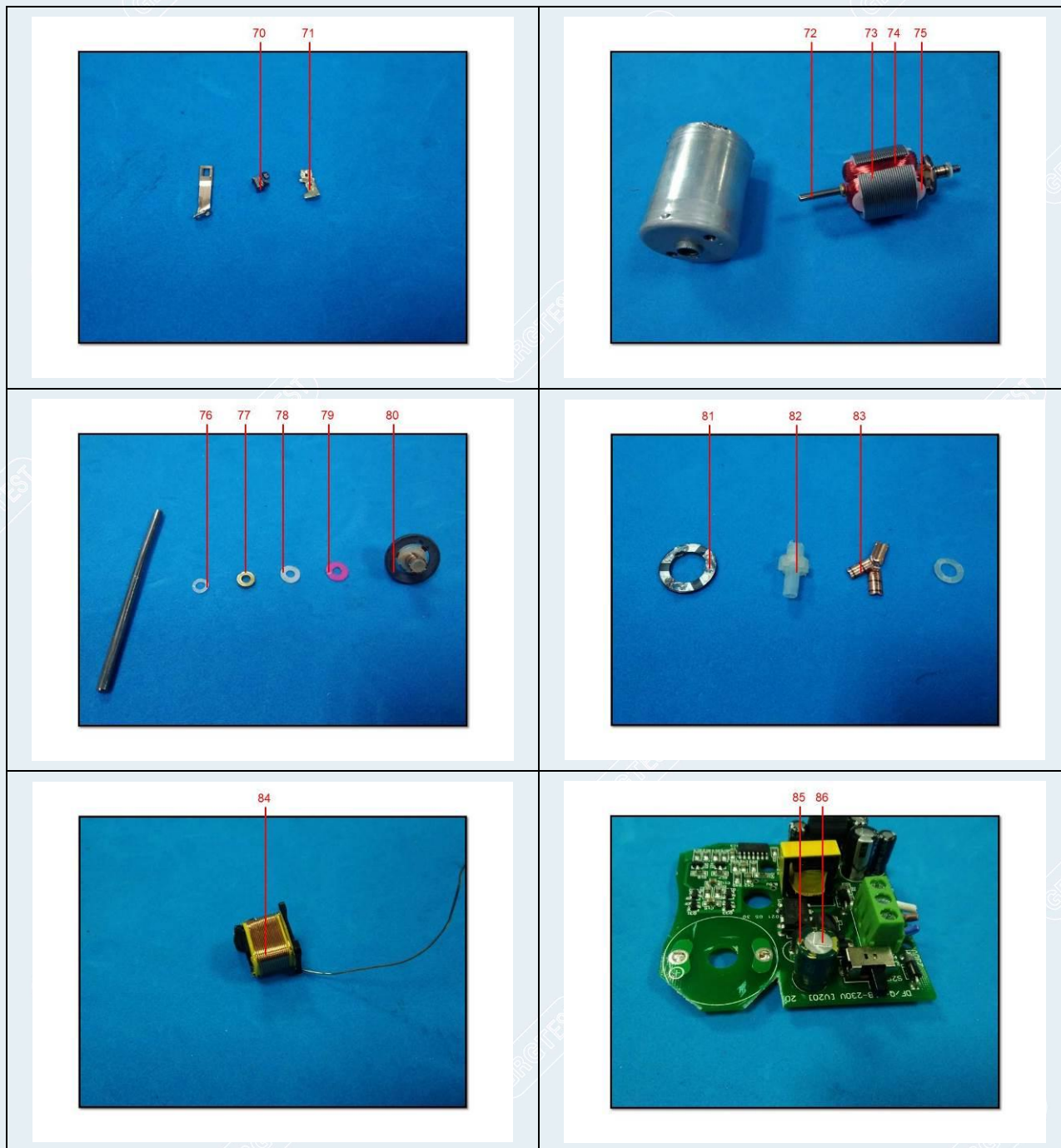


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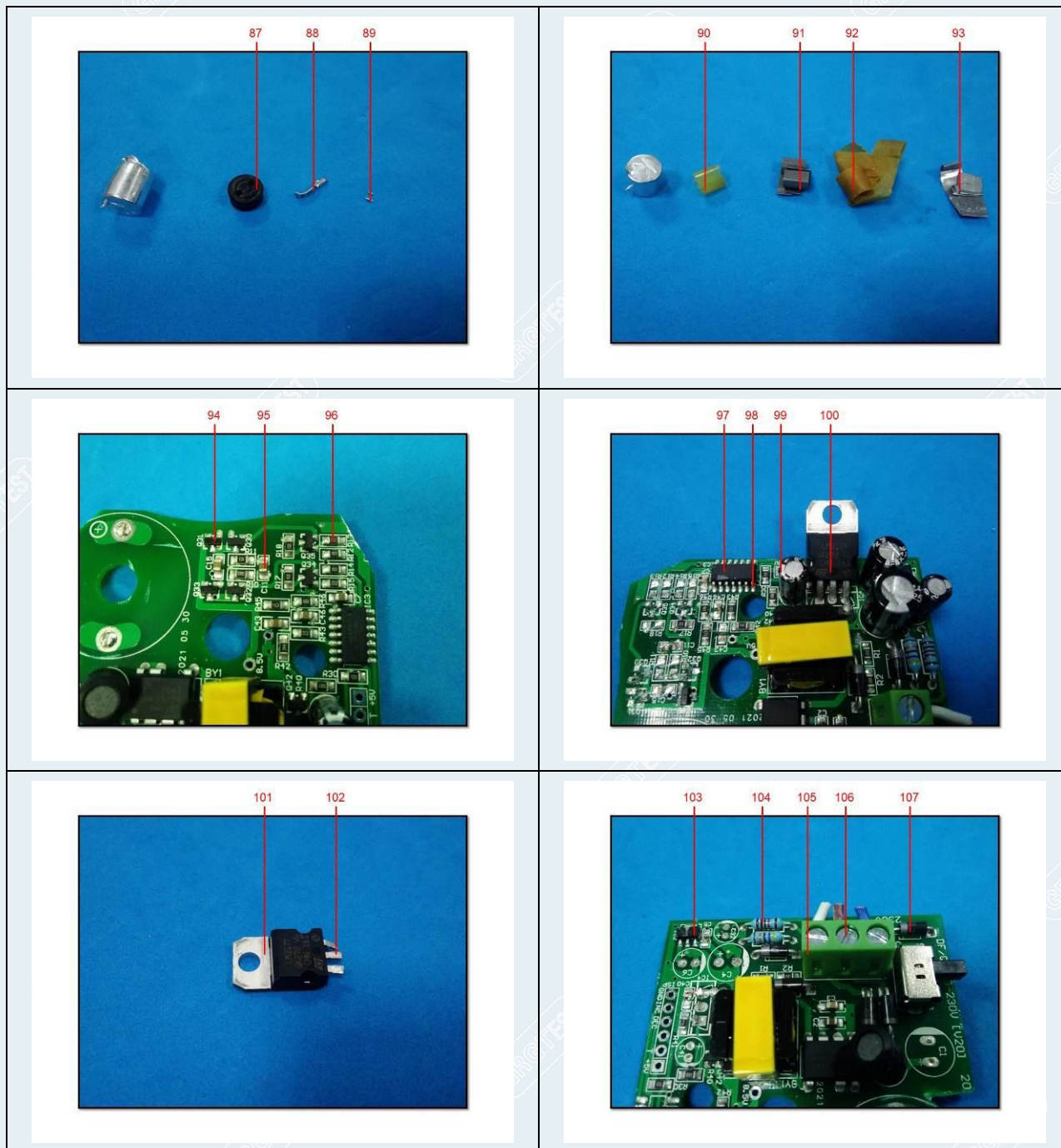


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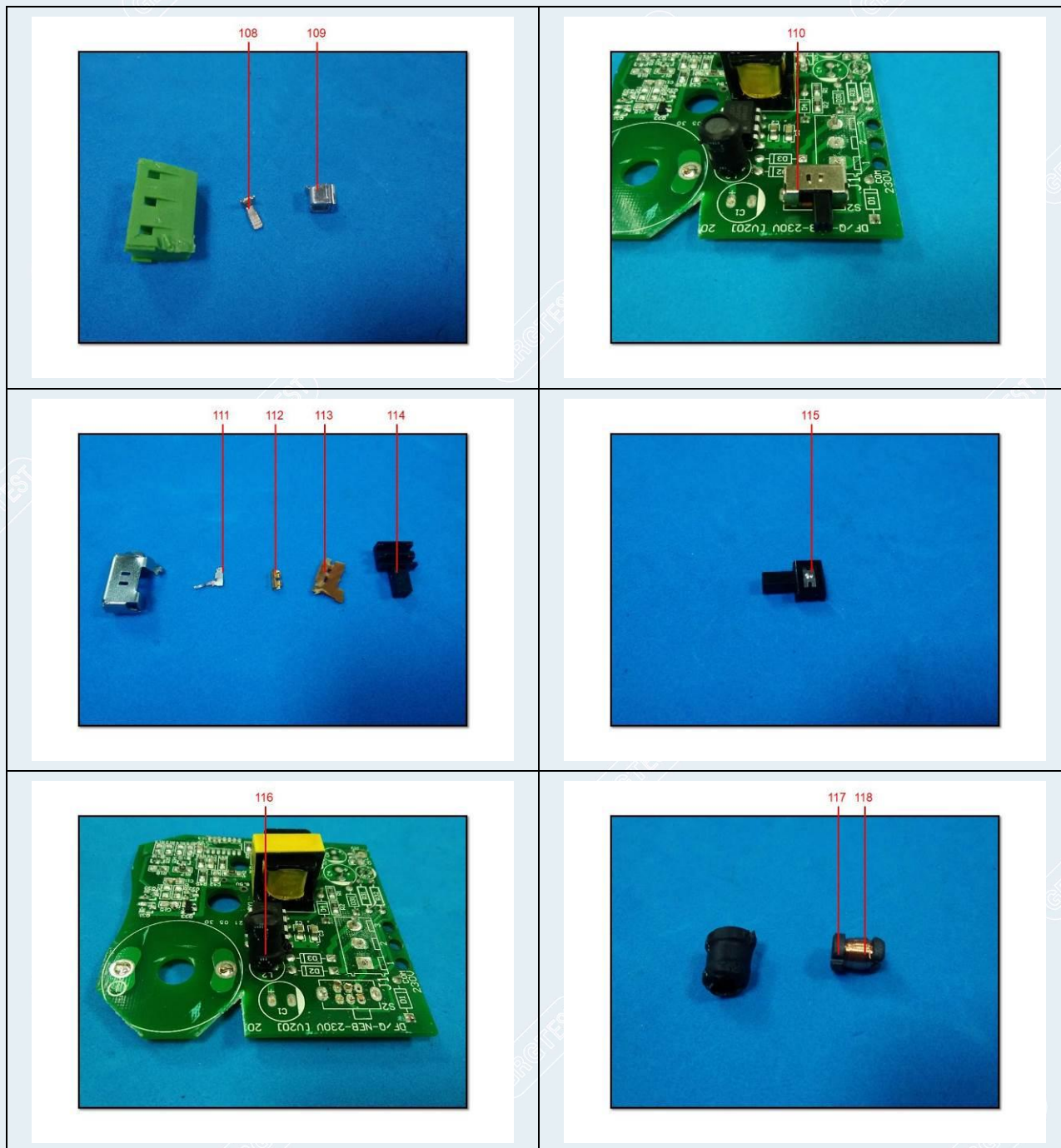


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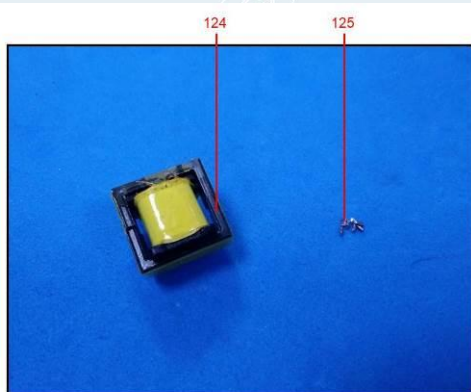
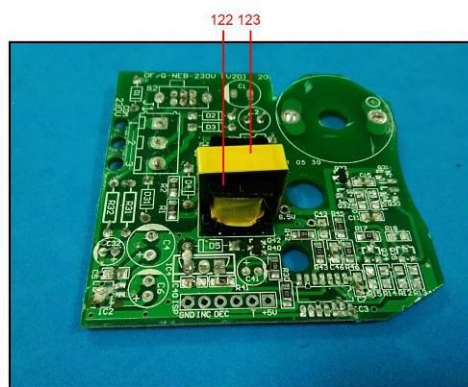
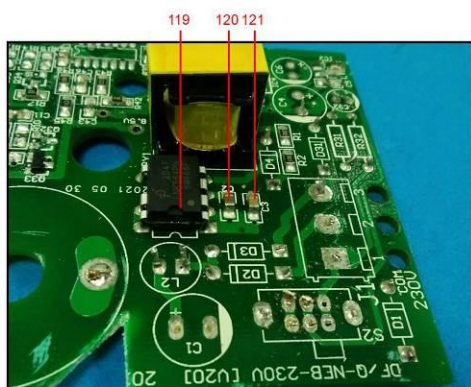
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