

## Verification Report

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HEADWAY PRECISION MANUFACTURING LIMITED  
UNIT 7, 7/F, YAN HING CENTRE, 9-13 WONG CHUK YEUNG ST, FO TAN, HONG KONG

Sample Description	: RADIO CONTROLLED MOVEMENT
SGS Ref No.	: SZ10198868
Model No. (P.O No.)	: 3T208C-DC01, 3T208C-MS01, 1T210A-MS01, 1T210A-DC01
Verification Period	: JAN 19, 2007 TO MAR 23, 2007
Verification Requested	: With reference to RoHS Directive 2002/95/EC, and its amendment directives
Verification Method	<ol style="list-style-type: none"><li>1. Review was performed for the samples disjointed from the submitted articles and the related test reports submitted by the Applicant</li><li>2. Tests was performed for the samples indicated by the photos in the report with test methods reference to IEC 62321, Ed.1 111/54/CDV: Procedures for the Determination of Levels of Six Regulated substances in Electrotechnical Products<ol style="list-style-type: none"><li>(1) Screening by XRF Spectroscopy</li><li>(2) Wet Chemical Test Method<ol style="list-style-type: none"><li>a. Determination of Lead by ICP and AAS.</li><li>b. Determination of Hexavalent Chromium by Colorimetric Method.</li><li>c. Determination of PBBs and PBDEs by GC/MS.</li></ol></li></ol></li></ol>
Verification Results	: Please refer to next page
Verification Conclusion	: Based on the review of previous reports and verification results of the submitted samples, the results <b>comply with</b> the RoHS Directive 2002/95/EC and its subsequent amendments.

**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.

Signed for and on behalf of  
SGS-CSTC Ltd.



Huang Fang, Sunny  
Sr. Engineer

**Details on Verification**

Part No.	Part Name	Restricted Substances	Results of EDXRF <sup>(1)</sup>	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing <sup>(2)</sup> (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
1	Black plastic cover (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
2	Black plastic gear (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
3	Dk-grey material (in No.1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
4	Copper-colored metal wire w/ red coating (on No.3) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
5	White transparent glue (on No.3) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
6	Black plastic box (in No.1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
7	Silvery metal screw (on No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
8	Silvery metal sheet (in No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	<b>IN</b>		\	Negative	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	

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9	Beige plastic part (in No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
10	Copper-colored metal wire w/ transparent coating (on No.9) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
11	Black plastic part (long) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
12	Black plastic gear (in No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
13	Black plastic gear (connected w/ No.12) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
14	Lt-blue plastic gear (on No.13) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
15	Silvery metal rod (in No.14) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	IN		\	Negative	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
16	Black plastic gear (on No.15) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	

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17	Silvery metal sheet (under No.16) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	IN		\	Negative	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
18	Black plastic part (in No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
19	Black plastic rod (in No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
20	Transparent plastic part (in No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
21	Black plastic part (circle) (connected w/ No.20) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
22	Black plastic part (connected w/ No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
23	Black plastic gear (connected w/ No.22) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
24	Black plastic gear (connected w/ No.23) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	

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25	Black plastic ring (in No.6) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
26	Black plastic gear (connected w/ No.25) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
27	Silvery metal sheet (on No.26) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	IN		\	Negative	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
28	Silvery metal screw (on No.27) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
29	Green "PCB" (in No.1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs			\	N.D.	Comply	
30	Black plastic w/ white printing (outer shell) (C3)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
31	Silvery metal shell (in No.30) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
32	Black rubber cover (in No.31) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	

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33	Lt-brown paper w/ liquid (in No.31) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
34	Grey metal foil (in No.31) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
35	Silvery metal pin (in No.31) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
36	Black plastic w/ white printing (outer shell) (C11) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
37	Silvery metal shell (in No.36) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
38	Black rubber cover (in No.39) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
39	Lt-brown paper w/ liquid (in No.37) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
40	Grey metal foil (in No.37) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	

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41	Silvery metal pin (in No.37) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
42-C	Brown "chip capacitor" (C15) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
43-C	Brown "chip capacitor" (C14) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
44	Silvery body w/ black printing (X1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
45-C	Black body w/ letters (Q2) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 07, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	
46-C	Black "chip resistor" (R3) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	See remark <sup>[1]</sup>		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	
47-C	Black "chip resistor" (R4) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	See remark <sup>[2]</sup>		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	
48-C	Black "chip resistor" (R5) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 13, 2007
		Pb	See remark <sup>[3]</sup>		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	

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49-C	Black "chip resistor" (R2) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	See remark <sup>[4]</sup>		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs			\	N.D.	Comply	
50-C	Black "chip resistor" (R1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 13, 2007
		Pb	See remark <sup>[5]</sup>		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs			\	N.D.	Comply	
51	Brown "chip capacitor" (C1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
52	Silvery body w/ black printing (Y1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
53-C	Brown "chip capacitor" (C4) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
54-C	Grey "chip capacitor" (C5) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
55	Black block (U3) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
56-C	Black block (U1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	



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57	Black block (U2) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
58	Transparent body w/ black printing (D1) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
59	Red plastic (wire insulation) (connected w/ No.29) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
60	Copper-colored metal wire (in No.59) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
61	Black plastic (wire insulation) (connected w/ No.29) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
62	Silvery metal (solder on No.29) (3T208C-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
63	Dk-grey material (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
64	Green "PCB" (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	IN		\	18	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs			\	N.D.	Comply	

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65-C	Grey "chip capacitor" (C5) (on No.64) (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	IN		\	N.D.	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
66	Silvery body w/ black printing (Y1) (on No.64) (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
67	Black plastic cover (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
68	Copper-colored metal wire w/ red coating (on No.63) (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
69	White glue (on No.63) (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
70	Black plastic box(3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
71	Silvery metal screw (on No.70) (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs			\	\	\	
72	Black plastic gear (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	

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73	Black plastic gear (3T208C-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
74	Golden metal (solenoid) (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
75	Dk-grey material (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
76	Black plastic cover (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
77	Copper-colored metal wire w/ red coating (on No.75) (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
78	White glue (on No.75) (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
79	Green "PCB" (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	
80	Black plastic box(1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	

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81	Silvery metal screw (in No.80) (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
82	Black plastic gear (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
83	Black plastic part (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
84	Beige plastic part (1T210A-MS01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
85	Golden metal part (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	\	
		PBDEs	---		\	\	\	
86	Dk-grey material (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	
87	Green "PCB" (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	IN		\	9	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs	IN		\	N.D.	Comply	
88-C	Grey "chip capacitor" (C5) (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007/ Mar 01, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	IN		\	N.D.	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs	BL		\	\	Comply	

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89	Silvery body w/ black printing (Y1) (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
90	Black plastic cover (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
91	Copper-colored metal wire w/ red coating (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
92	White glue (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
93	Black plastic box (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	BL		\	\	Comply	
		PBDEs			\	\	Comply	
94	Silvery metal screw (in No.93) (1T210A-DC01)	Cd	BL	\	\	\	Comply	Jan 19, 2007
		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr <sup>6+</sup>	BL		\	\	Comply	
		PBBs	---		\	\	Comply	
		PBDEs			\	\	Comply	

**Remark**

- (1) (a) It is the result on total Br while test item on restricted substances is PBBs/PBDEs. It is the result on total Cr while test item on restricted substances is Cr<sup>6+</sup>.
- (b) Results are obtained by EDXRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-VIS (for CrVI) and GCMSD (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321, Ed.1 111/54/CDV (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) OL = Over Limit, BL = Below Limit, IN = Inconclusive, LOD = Limit of Detection

(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 = ppm=0.0001%, N.D. = not detected (<MDL), --- = not conducted.
- (b) Unit and Method Detection Limit (MDL) in wet chemical test

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

The MDL for single compound of PBBs & PBDEs is 5 mg/kg and MDL of Cr<sup>6+</sup> for polymer & composite sample is 2 mg/kg.

- (c) According to IEC 62321, Ed.1 111/54/CDV, result on Cr<sup>6+</sup> for metal sample is shown as Positive/Negative. Negative = Absence of Cr<sup>6+</sup> coating, Positive = Presence of Cr<sup>6+</sup> coating
- (d) According to 2005/717/EC, DecaBDE is exempt.

Remark[1]~[5]: According to the declaration from client, the source of Lead in No.46-C, No.47-C, No.48-C, No.49-C & No.50-C could be from the glass material of that electronic component which is exempted by RoHS regulatory (Directive 2002/95/EC of the European parliament and of The council of 27 January 2003)