

Verification Report

No.: GZ0901000579/CHEM Date: FEB 09, 2009

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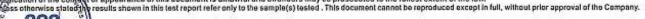
SHENZHEN SVAVO BATHROOM PRODUCTS CO., LTD NO.4 FACTORY, XINWU VILLAGE, SHABO, PINGSHAN STREET, LONGGANG DISTRICT, SHENZHEN

Sample Description SGS Ref No. Model No. (P.O No.) Verification Period	: Automatic soap dispenser : SZ11535463-2.1 : V-450 : JAN 05, 2009 TO FEB 09, 2009
Verification Requested	: With reference to RoHS Directive 2002/95/EC, and its amendment directives
Verification Method	 Review was performed for the samples disjointed from the submitted articles and the related test reports submitted by the Applicant Tests was performed for the samples indicated by the photos in the report with test methods reference to IEC 62321:2008: Procedures for the Determination of Levels of Six Regulated substances in Electrotechnical Products (1) Screening by XRF Spectroscopy Wet Chemical Test Method Determination of Lead by ICP and AAS. Determination of Hexavalent Chromium by Colorimetric Method. Determination of PBBs and PBDEs by GC/MS.
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 comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of SGS-CSTC Ltd.

Huang Fang, Sunny Sr. Engineer

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133Kaziu Raal, Saintech Park Guanghou Economic & Technology Development District, Guangehou China 510663 1 (66-20) 82155555 f (66-20) 82075125 www.cn.sgs.com 前编: 510863 1 (86-20) 82155555 f (86-20) 82075125 = sgs.china@sgs.com 中国 · 广州 · 经济技术开发区科学城科珠路198号



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Details on Verification

Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		1	1	Comply	Dale
		Pb	BL		\	\	Comply	
	White plastic	Hg	BL		\	1	Comply	
1	(key) (fitting)	Cr ⁶⁺	BL	\	\		Comply	Jan 05, 2009
	(PBBs			\	Ň	Comply	
		PBDEs ^{##}	BL		Ň	Ň	Comply	
		Cd	BL		N	N	Comply	
		Pb	BL		\	\ \	Comply	
	Silvery metal	Hg	BL	, ,	Ň	Ň	Comply	
2	screw (fitting)	Cr ⁶⁺	IN	\	Ň	Negative	Comply	Jan 05, 2009
		PBBs			1	\ \	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		1	1	Comply	
	. .	Pb	BL		1	1	Comply	
0	Beige	Hg	BL	· · · · ·	N N	N N	Comply	Law 05, 0000
3	translucent	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	plastic (fitting)	PBBs			\	\	Comply	
		PBDEs##	BL		\ \	N	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	1	Comply	
	White plastic	Hg	BL	· · · · ·	\	\	Comply	Law 05, 0000
4	shell	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
		PBBs			\	\	Comply	
		PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
	Ded translugent	Pb	BL		/	\	Comply	
5	Red translucent plastic (LED	Hg	BL	\	\	\	Comply	Jan 05, 2009
5	cover) (on No.4)	Cr ⁶⁺	BL	\	/	\	Comply	Jan 05, 2009
		PBBs	BL		\	/	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
	Lt-blue	Cd	BL		/	\	Comply	
	translucent	Pb	BL		\	/	Comply	
6	plastic	Hg	BL	\	\	\	Comply	Jan 05, 2009
0	(connected w/	Cr ⁶⁺	BL	``	\	\	Comply	0an 03, 2003
	No.4)	PBBs	BL		\	\	Comply	
	Norry	PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
	White plastic	Pb	BL]	\	\	Comply	
7	(hanging board)	Hg	BL	\	\	\	Comply	, , Jan 05, 2009 ,
,	(connected w/	Cr ⁶⁺	BL		\	\	Comply	
	No.4)	PBBs	BL		\	١	Comply	
		PBDEs ^{##}			\	\	Comply	

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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
8	Silvery metal	Hg	BL	\	\	\	Comply	Jan 05, 2009
0	screw (on No.7)	Cr ⁶⁺	IN	``	\	Negative	Comply	Jan 05, 2009
		PBBs			\	Ň	\	
		PBDEs##			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
9	Silvery metal	Hg	BL	\	\	\	Comply	lan 05, 0000
9	screw (on No.4)	Cr ⁶⁺	IN	```	\	Negative	Comply	Jan 05, 2009
		PBBs			\	Ň	\	
		PBDEs##			\	\	\	
	D	Cd	BL		\	\	Comply	
	Red translucent	Pb	BL		\	\	Comply	
10	plastic (LED	Hg	BL	```	\	\ \	Comply	
10	cover)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	(rectangle) (on No.4)	PBBs	DI.		\	\	Comply	
	110.4)	PBDEs##	BL		\	\ \	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\ \	Comply	
	Black plastic	Hg	BL		\	\ \	Comply	
11	(connected w/	Cr ⁶⁺	BL	\	\	N	Comply	Jan 05, 2009
	No.10)	PBBs			\ \	\ \	Comply	
		PBDEs ^{##}	BL		\	N	Comply	
		Cd	BL		\ \	\ \	Comply	
		Pb	BL		\	\	Comply	
	Black rubber	Hg	BL		\	\	Comply	
12	ring (on No.10)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	3(/	PBBs			\ \	\ \	Comply	
		PBDEs ^{##}	BL		\	\ \	Comply	
		Cd	BL		\ \	\ \	Comply	
		Pb	BL		\	\	Comply	
	White plastic	Hg	BL		\	\	Comply	
13	(connected w/	Cr ⁶⁺	BL	\	\	1	Comply	Jan 05, 2009
	No.6)	PBBs				\	Comply	
		PBDEs ^{##}	BL				Comply	
		Cd	BL		1	1	Comply	
		Pb	BL	1			Comply	
	Black rubber	Hg	BL		\	\	Comply	
14	ring (on No.13)	⊢g Cr ⁶⁺	BL		\	\	Comply	/Jan 05, 2009 /
		PBBs	DL		\		Comply	
		PBDEs ^{##}	BL		\			
		PRDES			\	\	Comply	

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		Cd	BL		\	\	Comply	
	Transparent	Pb	BL		\	\	Comply	
15	rubber tube	Hg	BL	\	\	\	Comply	Jan 05, 2009
15	(connected w/	Cr ⁶ ⁺	BL	``	\	\	Comply	0an 00, 2000
	No.13)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
	White plastic	Cd	BL		\	\	Comply	
	sheet (battery	Pb	BL		\	\	Comply	
16	cover)	Hg	BL	\	\	\	Comply	Jan 05, 2009
10	(connected w/	Cr ⁶⁺	BL	``	\	\	Comply	0an 00, 2003
	No.4)	PBBs	BL		\	\	Comply	
	110:1)	PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
	Tueneneurat	Pb	BL		\	\	Comply	
17	Transparent rubber (on	Hg	BL	\	\	\	Comply	Jan 05, 2009
17	No.16)	Cr ⁶ ⁺	BL	```	\	\	Comply	Jan 05, 2009
	110.10)	PBBs			\	\	Comply	
		PBDEs##	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
	_	Pb	BL		\	Ň	Comply	
	Transparent	Hg	BL	· .	\	\	Comply	
18	rubber ring (in	Cr ⁶⁺	BL	\	\	Ň	Comply	Jan 05, 2009
	No.13)	PBBs			N N	Ň	Comply	
		PBDEs ^{##}	BL		\	Ň	Comply	
		Cd	BL		\ \	\ \	Comply	
		Pb	BL	-	\	\	Comply	
	Silvery metal	Hg	BL	-	\	\	Comply	
19	screw (on	Cr ⁶⁺	IN	\	\	Negative	Comply	Jan 05, 2009
	No.13)	PBBs		-	\	\	\	
		PBDEs ^{##}			\	\		
		Cd	BL		\	1	Comply	
		Pb	BL				Comply	
	Silvery metal	Hg	BL				Comply	
20	(motor shell) (in	Cr ⁶⁺	BL	\		\	Comply	Jan 05, 2009
	No.4)	PBBs	DL	-	\	\	Comply	
		PBDEs ^{##}			\	\	\	
			ים		\	\	Correction	
	Doino alastis	Cd	BL BL	4	\	\	Comply	
	Beige plastic	Pb		-		\	Comply	
21	(bottom cover) (connected w/	Hg Cr ⁶⁺	BL BL			\	Comply	Jan 05, 2009
	No.20)		ВГ		\	\	Comply	
	110.20)	PBBs	BL		\	\	Comply	/
		PBDEs ^{##}			\	\	Comply	

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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			Cd	BL		\	\	Comply	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Silver grov motel	Pb	BL		/	\	Comply	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	22		Hg	BL	1	/	\	Comply	Jan 05, 2009
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	22			BL	``	\	/	Comply	Jan 05, 2005
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		110.21)				\	\	/	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			PBDEs ^{##}			\	\	\	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				BL		\	\	Comply	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			Pb	BL		\	\	Comply	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	22		Hg	BL	1	\	\		lon 05, 2000
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	23	(in No.21)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			PBBs			\	\	\	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			PBDEs ^{##}			\	\	\	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			Cd	BL		\	\	Comply	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			Pb	BL		1	\		
24Hubbel sheet (UI No.23) Cr^{6+} BL PBBs PBDEs ^{##} $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	04				· · · · ·	1	\		Law 05, 0000
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	24	•	Cr ⁶⁺		\	1	\		Jan 05, 2009
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		NO.23)				1	\		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			PBDEs ^{##}	BL		N N	N		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				BI		\ \	\ \		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Silvery metal			•	\	\		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						\	\		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	25		Cr^{6+}		\	\	\ \		Jan 05, 2009
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					•	\	\	\	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		/				\ \	\ \	Ň	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				BI		\	\	Comply	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			Ph			\	\		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Silvery metal rod				1	\		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	26		Cr ⁶⁺		\	\	Negative		Jan 05, 2009
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		(\	\	\	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			PBDEs ^{##}			\ \	\ \	Ň	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				BI		1	\ \	Comply	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						1	\		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						1	\		
NO.26) PBBs PBDEs ^{##} BL \ \ Comply PBDEs ^{##} BL \ \ Comply Silvery metal wire (connected w(No 25) Pb BL \ \ Comply V V V V Comply V V V Comply V V V V V V V V V V V V	27				\	1	1		Jan 05, 2009
PBDEs ^{##} BL \ Comply PBDEs ^{##} BL \ Comply Silvery metal Pb BL \ Comply Pb BL \ Comply Hg BL \ Comply w(No 25) Cr ⁵⁺ BL \ \		No.26)				\	\		
Cd BL \ Comply Silvery metal Pb BL \ \ Comply wire (connected Hg BL \ \ Comply w/(No 25) Cr ⁶⁺ BL \ \ Comply				BL		\			
Silvery metal Pb BL 28 Silvery metal Hg BL wire (connected Cr ⁶⁺ BL w(No 25) Cr ⁶⁺ BL	┝──┨			DI		\			
28 Wire (connected Hg BL \ \ Comply Jan 05					1	\	\		
28 wire (connected Cr^{6+} BL \land \land Comply Jan 05					1	\	\		
	28					\	\		Jan 05, 2009
		w/ No.25)	PBBs	DL		\	\	Comply	/
PBDEs ^{##} \ \ \ \						\	\	\	

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		Cd	BL		\	\	Comply	
	Red plastic w/	Pb	BL		/	\	Comply	
29	black printing	Hg	BL	\	\	\	Comply	Jan 05, 2009
23	(wire insulation)	Cr ⁶⁺	BL	`	\	\	Comply	Jan 05, 2003
	(on No.28)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
	Black plastic w/	Pb	BL		\	\	Comply	
30	white printing	Hg	BL		\	\	Comply	Jan 05, 2009
50	(wire insulation)	Cr ⁶⁺	BL	`	\	\	Comply	Jan 05, 2003
	(on No.28)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
31	Dk-grey core (magnet) (in	Hg	BL	\	\	\	Comply	Jan 05, 2009
31	No.20)	Cr ⁶⁺	BL	```	\	\	Comply	Jan 05, 2009
	110.20)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
	Silvery metal	Pb	BL		1	\	Comply	
	(silicon steel	Hg	BL	· · · · ·	1	\	Comply	1 05 0000
32	sheet) (on	Cr ⁶⁺	IN	\	\ \	Negative	Comply	Jan 05, 2009
	No.26)	PBBs			1	\		
		PBDEs ^{##}			1	\	\	
		Cd	BL		1	\	Comply	
		Pb	BL		N	Ň	Comply	
	White plastic (on	Hg	BL	· ,	1	\	Comply	
33	No.26)	Cr ⁶⁺	BL	\	Ň	N	Comply	Jan 05, 2009
	,	PBBs			Ň	N	Comply	
		PBDEs##	BL		1	\	Comply	
		Cd	BL		1	\	Comply	
	Copper-colored	Pb	BL		Ň	N	Comply	
	metal wire w/	Hg	BL	· .	Ň	N	Comply	
34	transparent	Cr ⁶⁺	BL	\	Ň	N	Comply	Jan 05, 2009
	surface (on	PBBs			1	\ \	Comply	
	No.33)	PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		1	\	Comply	
		Pb	BL	1	\		Comply	
	Black plastic	Hg	BL	1	\		Comply	
	Black plastic tube (on No.26)				\	1		Jan 05, 2009
35		Cr ⁰⁺	RI BI		1	1	Comply	
35	tube (on No.26)	Cr ⁶ ⁺ PBBs	BL		\	\	Comply Comply	

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		Cd	BL		\	/	Comply	
		Pb	BL		\	/	Comply	
36	Brassy metal	Hg	BL	\	\	\	Comply	Jan 05, 2009
30	ring (on No.26)	Cr ⁶⁺	BL	١	/	/	Comply	Jan 05, 2009
		PBBs			/	/	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
37-	Black plastic	Hg	BL	,	\ \	\ \	Comply	Jan 05, 2009/
С	part (on No.26)	Cr ⁶⁺	BL	\	\	1	Comply	Jan 19, 2009
	,	PBBs			\	1	Comply	
		PBDEs ^{##}	BL		\	1	Comply	
		Cd	BL		1	1	Comply	
	Dk-grey material	Pb	BL		\	\	Comply	
38-	ring w/ silvery	Hg	BL		\	\	Comply	Jan 05, 2009/
Č	surface (on	Cr ⁶⁺	BL	\	\	\	Comply	Jan 19, 2009/
0	No.37)	PBBs			\		Comply	Feb 05, 2009
	110.07)	PBDEs ^{##}	BL		\		Comply	
			DI		\	\		
		Cd	BL		\	\	Comply	
	Silvery metal	Pb	BL BL		\	\	Comply	
39	(solder on	Hg		١.	\	\	Comply	Jan 05, 2009
	No.38)	Cr ⁶⁺	BL		\	\	Comply	
		PBBs			\	\	\	1
		PBDEs##			1	\	\	
		Cd	BL		\	\	Comply	
	Silvery / copper-	Pb	BL		\	\	Comply	
40	colored metal	Hg	BL	\	\	\	Comply	Jan 05, 2009
-	sheet (on No.37)	Cr ⁶⁺	BL		\	\	Comply	,
	(/	PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
41	Red paper ring	Hg	BL		\	\	Comply	Jan 05, 2009
71	(on No.40)	Cr ⁶⁺	BL	, ,	\	\	Comply	0an 00, 2000
		PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL	1	\	\	Comply	
40	White plastic	Hg	BL	\ \	\	\	Comply	-
42	ring (on No.26)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	. ,	PBBs			\	\	Comply	1
		PBDEs ^{##}	BL		\	1	Comply	

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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
	Beige plastic	Pb	BL		\	/	Comply	
43	(connected w/	Hg	BL	\	\	\	Comply	Jan 05, 2009
40	No.20)	Cr ⁶⁺	BL	`	\	\	Comply	Jan 05, 2003
	110.20)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	/	Comply	
44	Silvery metal	Hg	BL		\	/	Comply	Jan 05, 2009
44	screw (in No.43)	Cr ⁶⁺	IN	``	\	Negative	Comply	Jan 05, 2009
		PBBs			\	\	\	
		PBDEs ^{##}			\	/	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
45	White plastic	Hg	BL	\	\	\	Comply	Jan 05, 2009
45	(gear) (in No.43)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
		PBBs	BL		\	\	Comply	
		PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
40	Silvery metal	Hg	BL	· ,	\	\	Comply	
46	(battery sheet)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	(in No.4)	PBBs			\	\	\ \	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
	Silvery metal	Pb	BL		N	N	Comply	
47	spring	Hg	BL	· · · ·	\	\	Comply	
47	(connected w/	Cr ⁶⁺	BL	\	\	1	Comply	Jan 05, 2009
	No.46)	PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
	White plastic	Pb	BL		\	1	Comply	
40	(knob)	Hg	BL	· ,	\	1	Comply	
48	(connected w/	Cr ⁶⁺	BL	\	\	1	Comply	Jan 05, 2009
	No.4)	PBBs			\	N	Comply	
	,	PBDEs ^{##}	BL		\	Ň	Comply	
		Cd	BL		, N	, N	Comply	
	Silvery metal	Pb	BL	1	\	\	Comply	
	screw	Hg	BL		\	\	Comply	
49	(connected w/	Cr ⁶⁺	IN	\	\	Negative	Comply	Jan 05, 2009
	No.48)	PBBs			\			
		PBDEs ^{##}			\	\	``	\neg

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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	/	Comply	
		Pb	BL		\	\	Comply	
50	Transparent	Hg	BL	\	\	\	Comply	Jan 05, 2009
50	glue (in No.4)	Cr ⁶⁺	BL	``	\	\	Comply	0an 00, 2000
		PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
51	Green "PCB" (in	Hg	BL	,	\	\	Comply	lan 05, 0000
51	No.4)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
		PBBs	BL		\	\	Comply	
		PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		Ň	N	Comply	
52-	Black body w/	Hg	BL	, .	Ň	Ň	Comply	Jan 05, 2009/
C	brown printing	Cr ⁶⁺	BL	\	Ň	Ň	Comply	Jan 19, 2009
-	(Q7 on No.51)	PBBs		-	\ \	N.D.	Comply	
		PBDEs ^{##}	IN		N N	N.D.	Comply	
		Cd	BL		1	\ \	Comply	
		Pb	BL		\	\	Comply	
53-	Black body w/	Hg	BL		\	\	Comply	Jan 05, 2009/
00- C	silvery printing	Cr ⁶⁺	BL	\	\	\	Comply	Jan 19, 2009
0	(D1 on No.51)	PBBs	DL	-	\	N.D.	Comply	0an 13, 2003
		PBDEs ^{##}	IN		\	N.D.	Comply	
		Cd	BL		\	N.D.		
	Diack plactic w/	Pb	BL	-	\	\	Comply Comply	
	Black plastic w/ white printing	Ha	BL		\	\		
54	(outer shell) (C1	Hg Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	on No.51)		BL		\	\	Comply	
	01110.51)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}			\	\	Comply	
		Cd	BL	-	\	1	Comply	
	Black plastic w/	Pb	BL	-	\	1	Comply	
55	white printing	Hg	BL	\	\	\ \	Comply	Jan 05, 2009
	(outer sheet)	Cr ⁶⁺	BL	-	\	\	Comply	,
	(C2 on No.51)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}			\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
56	Silvery metal	Hg	BL	\	\	\	Comply	Jan 05, 2009
50	shell (in No.54)	Cr ⁶⁺	BL	, ,	\	\	Comply	5an 65, 2003
		PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	

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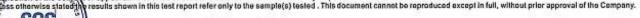


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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	/	Comply	
	Black rubber	Pb	BL		\	/	Comply	
57	(cover) (in	Hg	BL	ι .	\	\	Comply	Jan 05, 2009
57	No.56)	Cr ⁶⁺	BL	``	\	\	Comply	0an 03, 2003
	110.50)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
58	Brown paper w/	Hg	BL	\	\	\	Comply	Jan 05, 2009
50	liquid (in No.56)	Cr ⁶⁺	BL	``	\	\	Comply	Jan 05, 2005
		PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	/	Comply	
		Pb	BL		\	/	Comply	
59	Grey metal foil	Hg	BL	\	\	\	Comply	Jan 05, 2009
55	(in No.56)	Cr ⁶⁺	BL	``	\	\	Comply	0an 03, 2003
		PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
60	Silvery metal pin	Hg	BL	\ \	\	\	Comply	Jan 05, 2009
00	(in No.56)	Cr ⁶⁺	BL	``	١.	\	Comply	Jan 03, 2003
		PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		/	\	Comply	
		Pb	BL		\	\	Comply	
61	Silvery metal	Hg	BL	\	\	/	Comply	Jan 05, 2009
01	shell (in No.55)	Cr ⁶⁺	BL	``	\	/	Comply	Jan 05, 2005
		PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		/	\	Comply	
	Black rubber	Pb	BL		\	/	Comply	
62	(cover) (in	Hg	BL	\	\	/	Comply	Jan 05, 2009
02	No.61)	Cr ⁶⁺	BL	``	\	\	Comply	0an 03, 2003
	10.01)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	/	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
63	Brown paper w/	Hg	BL	\	\	\	Comply	lan 05, 2000
03	liquid (in No.61)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
		PBBs	BL		/	/	Comply	
		PBDEs ^{##}	DL		\	\	Comply	

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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	/	Comply	
		Pb	BL		\	/	Comply	
64	Grey metal foil	Hg	BL	\	\	\	Comply	Jan 05, 2009
04	(in No.61)	Cr ⁶⁺	BL	``	\	/	Comply	Jan 05, 2003
		PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
65	Silvery metal pin	Hg	BL	\	\	/	Comply	Jan 05, 2009
05	(in No.61)	Cr ⁶ ⁺	BL	``	\	/	Comply	Jan 05, 2009
		PBBs			\	/	\	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
	Dissivation	Pb	BL		\	\	Comply	
66	Black plastic shell (VR1 on	Hg	BL	\	\	\	Comply	Jan 05, 2009
00	No.51)	Cr ⁶⁺	BL	``	\	\	Comply	Jan 05, 2009
	110.51)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
67	White plastic	Hg	BL	,	\	\	Comply	
67	cover (on No.66)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
		PBBs			\	\	Comply	
		PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		\	\	Comply	
	Duraway (Isla ala	Pb	BL		\	\	Comply	
68	Brown / black	Hg	BL	\	\	\	Comply	lon 05, 0000
60	material ring (in No.66)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	NO.00)	PBBs	BL		\	\	Comply	
		PBDEs ^{##}	DL		\	\	Comply	
		Cd	BL		\	\	Comply	
		Pb	IN		/	29470 (See remark ^[1])	Comply	
69	Golden metal	Hg	BL	\	\		Comply	Jan 05, 2009
	(axis) (in No.66)	Cr ⁶⁺	BL		\	\	Comply	,
		PBBs		1	, N	Ň	\	
		PBDEs ^{##}			, N	Ň	Ň	
		Cd	BL		Ň	, N	Comply	
		Pb	BL	1	\	\ \	Comply	
	Copper-colored	Hg	BL	·	\	\	Comply	
70	metal part (on	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	No.69)	PBBs		`	\	\		
	No.69)	PBDEs ^{##}		1 F	1	`	`	_

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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
71	Silvery metal	Hg	BL		\	\	Comply	Jan 05, 2009
/ 1	part (on No.69)	Cr ⁶⁺	BL	```	\	/	Comply	Jan 05, 2009
		PBBs			\	\	/	
		PBDEs ^{##}			\	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
72	Golden metal	Hg	BL	\	/	\	Comply	Jan 05, 2009
12	(clip) (on No.69)	Cr ⁶⁺	BL	```	\	\	Comply	Jan 05, 2009
		PBBs			/	\	/	
		PBDEs ^{##}			/	\	\	
		Cd	BL		\	\	Comply	
		Pb	BL		\	\	Comply	
73	Beige plastic (on	Hg	BL	ι ,	\	\	Comply	Jan 05, 2009
73	No.69)	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
		PBBs			\	\	Comply	
		PBDEs##	BL		\ \	N	Comply	
		Cd	BL		1	1	Comply	
	Silvery metal pin	Pb	BL		Ň	Ň	Comply	
	(small)	Hg	BL		\ \	Ň	Comply	
74	(connected w/	Cr ⁶⁺	BL	\	1	N	Comply	Jan 05, 2009
	No.66)	PBBs			N	Ň	\	
	,	PBDEs ^{##}			Ň	Ň	Ň	
		Cd	BL		N	Ň	Comply	
		Pb	BL	-	\	\ \	Comply	
	Silvery metal pin	Hg	BL		\	Ň	Comply	
75	(big) (connected	Cr ⁶⁺	BL	١	\	\	Comply	Jan 05, 2009
	w/ No.66)	PBBs		-	\	\	\	
		PBDEs ^{##}			\	Ň	Ň	
		Cd	BL		\	\	Comply	
	Silvery-grey	Pb	BL		\	\	Comply	
	metal spring	Hg	BL		\	\	Comply	
76	(connected w/	Cr ⁶⁺	BL	\	\	\	Comply	Jan 05, 2009
	No.66)	PBBs	DL		\	\	Comply	
	10.00)	PBDEs ^{##}				\		
			DI		\	\	Comply	
	Connor colored	Cd Pb	BL	4	\	\	Comply	4
	Copper-colored		BL		\	\	Comply	
77	metal rivet (connected w/	Hg Cr ⁶⁺	BL		\	\	Comply	Jan 05, 2009
	No.74)		BL		\	\	Comply	/
	INU./4)	PBBs			\	\	\	
		PBDEs ^{##}			\	λ.	\	

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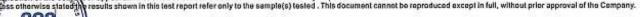


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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
78	Silvery metal rivet (connected w/ No.75)	Cd	BL	\	\	/	Comply	Jan 05, 2009
		Pb	BL		\	/	Comply	
		Hg	BL		\	\	Comply	
		Cr ⁶⁺	BL		\	\	Comply	
		PBBs			/	\	\	
		PBDEs ^{##}			/	/	\	
		Cd	BL		\	\	Comply	
	Transparent	Pb	BL		\	\	Comply	
79-	body (LED)	Hg	BL	``	\	\	Comply	Jan 05, 2009/ Jan 19, 2009
С	(connected w/	Cr ⁶⁺	BL		/	\	Comply	
	No.51)	PBBs	IN		\	N.D.	Comply	
	,	PBDEs ^{##}	IN		\	N.D.	Comply	
		Cd	BL		\	\	Comply	Jan 05, 2009
	o	Pb	BL		1	1	Comply	
	Silvery metal pin	Hg	BL	· ,	1	1	Comply	
80	(connected w/	Cr ⁶⁺	BL		Ň	Ň	Comply	
	No.79)	PBBs			\ \	\ \	\	
		PBDEs ^{##}			Ň	Ň	Ň	
		Cd	BL		1	\ \	Comply	
	Black plastic w/	Pb	BL		\	\	Comply	Jan 05, 2009
	white printing (heat shrinkable tube) (on No.80)	Ha	BL	\	\	\	Comply	
81		Cr ⁶⁺	BL		\	\	Comply	
		PBBs			\	1	Comply	
		PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		\	1	Comply	
	White plastic (on No.79)	Pb	BL	\	\	\	Comply	
		Hg	BL		\	1	Comply	Jan 05, 2009
82		Cr ⁶⁺	BL		\	\	Comply	
		PBBs			\	\	Comply	
		PBDEs ^{##}	BL		\	\	Comply	
		Cd	BL		\		Comply	
	Black body (LED) (connected w/ No.51)	Pb	BL	\	\	\	Comply	Jan 05, 2009/ Jan 19, 2009
83-		Hg	BL		\	\	Comply	
03- C		⊢y Cr ⁶⁺	BL		\	\	Comply	
U		PBBs	DL		\	N.D.		
		PBDEs ^{##}	IN		\		Comply	
	Blue transparent body (LED) (connected w/ No.51)		DI		\	N.D.	Comply	Jan 05, 2009/ Jan 19, 2009
		Cd	BL		\	\	Comply	
		Pb	BL		\		Comply	
84-		Hg	BL		\		Comply	
С			BL		\		Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs ^{##}			\	N.D.	Comply	

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Part No.	Part Name	Restricted Substances	Results of EDXRF ⁽¹⁾	No. of Related Test Report	Results in Related Test Report(mg/kg)	Result of Wet Chemical Testing ⁽²⁾ (mg/kg)	Conclusion on RoHS	Sample Submitted / Resubmitted Date
	Black body w/ brown printing (U on No.51)	Cd	BL	\ \	\	\	Comply	Jan 05, 2009/ Jan 19, 2009
85- C		Pb	BL		\	\	Comply	
		Hg	BL		\	\	Comply	
		Cr ⁶⁺	BL		\	\	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs ^{##}			\	N.D.	Comply	
		Cd	BL		\	/	Comply	Jan 05, 2009
	Brown "chip	Pb	BL		\	/	Comply	
86	capacitor" (C4	Hg	BL	\	\	/	Comply	
90	on No.51)	Cr ⁶⁺	BL		\	\	Comply	
		PBBs	BL		\	/	Comply	
		PBDEs ^{##}			\	/	Comply	
	Black body w/ brown printing (Q1 on No.51)	Cd	BL	\	/	/	Comply	Jan 05, 2009/ Jan 19, 2009
		Pb	BL		\	/	Comply	
87-		Hg	BL		\	\	Comply	
С		Cr ⁶⁺	BL		/	/	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs ^{##}			\	N.D.	Comply	
	Black body w/ brown printing (Q3 on No.51)	Cd	BL	\	\	\	Comply	Jan 05, 2009/ Jan 19, 2009
		Pb	BL		\	\	Comply	
88-		Hg	BL		\	\	Comply	
С		Cr ⁶⁺	BL		/	/	Comply	
		PBBs	IN		\	N.D.	Comply	
		PBDEs ^{##}			\	N.D.	Comply	
	Silvery metal (solder on No.51)	Cd	BL	\	\	\	Comply	Jan 05, 2009
00		Pb	BL		N	\ \	Comply	
		Hg	BL		\	\	Comply	
89		Cr ⁶⁺	BL		\	\	Comply	
		PBBs			\	\	\	
		PBDEs ^{##}			\	\	\	

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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 Cr⁶⁺.
 - (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 62321:2008 (unit: mg/kg)

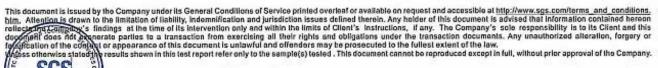
Element	Polymer	Metal	Composite Materials
Cd	BL≤ (70-3σ)< X <(130+3σ)≤ OL	BL≤ (70-3σ)< X <(130+3σ)≤ OL	LOD < X <(150+3σ)≤ OL
Pb	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (500-3σ)< X <(1500+3σ)≤ OL
Hg	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (700-3σ)< X <(1300+3σ)≤ OL	BL≤ (500-3σ)< X <(1500+3σ)≤ OL
Br	BL ≤ (300-3σ)< X		BL≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL≤ (500-3σ)< 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, \ = not available.
 (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 Cr⁶⁺ for polymer & composite sample is 2 mg/kg.

- (c) According to IEC 62321:2008, result on Cr⁶⁺ for metal sample is shown as Positive/Negative. Negative = Absence of Cr⁶⁺ coating, Positive = Presence of Cr⁶⁺ coating. Storage conditions and production date of the tested sample are unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.
- (d) ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE is included in the sum of PBDE after 01.07.2008
- Remark[1]: According to the specification from client, No.69 is copper alloy, while Lead as an alloying element in copper alloy containing up to 4% Lead by weight is exempted by RoHS regulatory (Directive 2002/95/EC of the European Parliament and of the council of 27 January 2003).



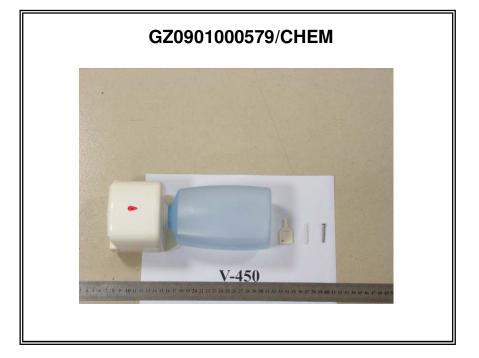


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No.: GZ0901000579/CHEM Date: FEB 09, 2009

Photo Index

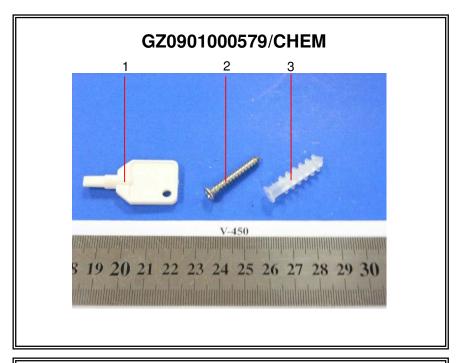


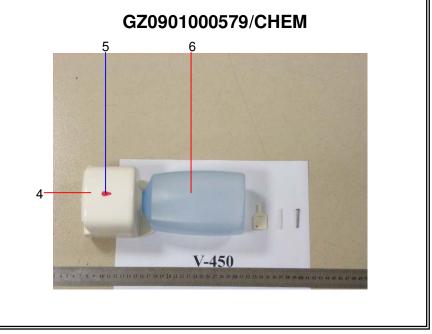
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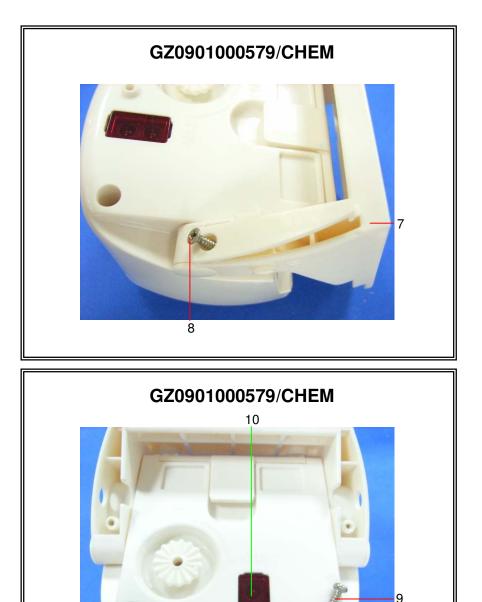




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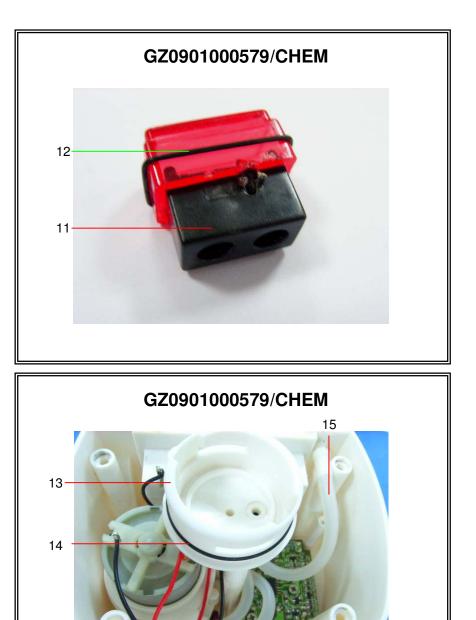


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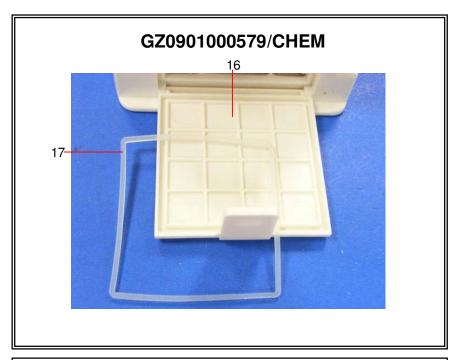




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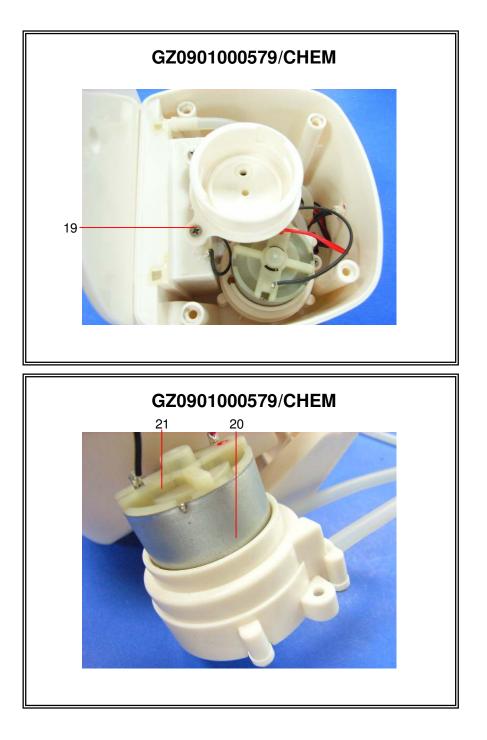




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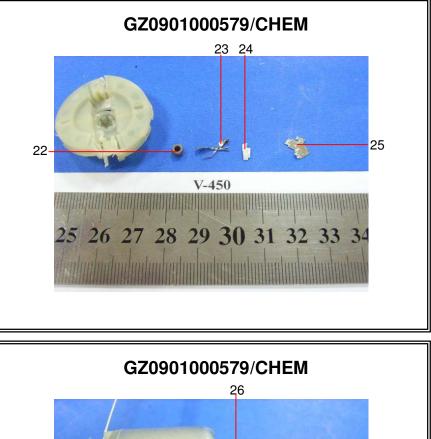


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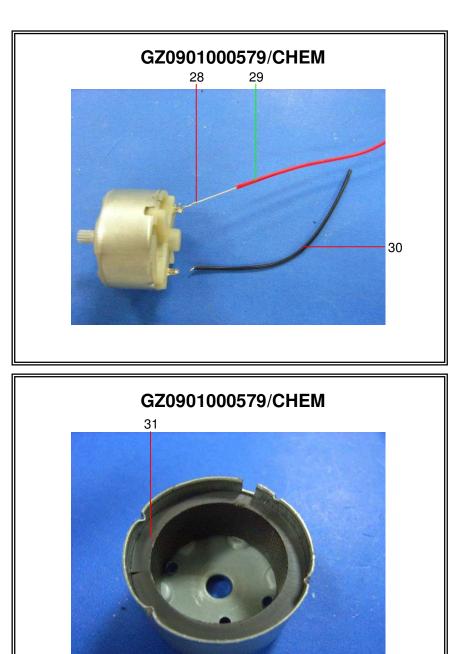




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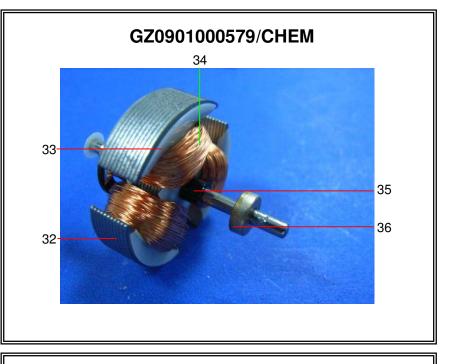




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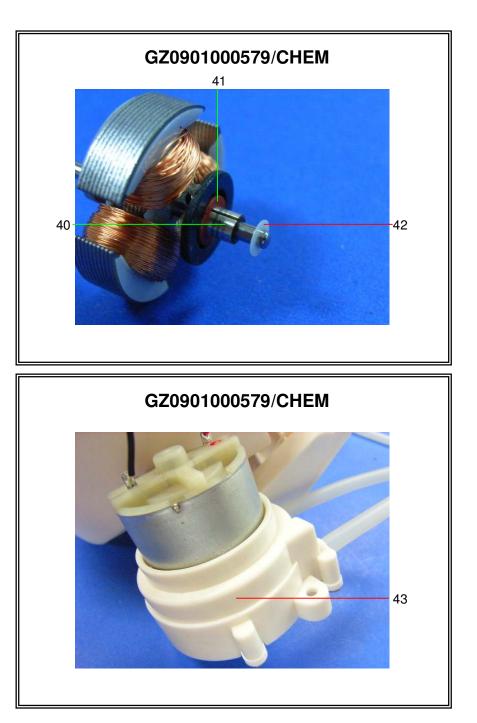




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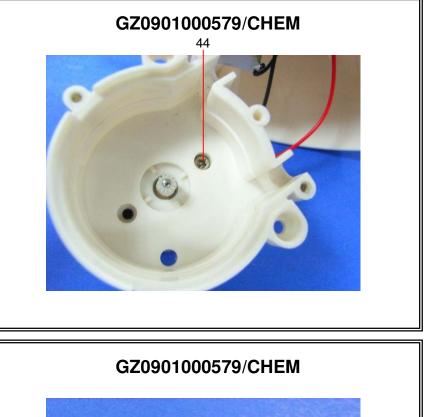


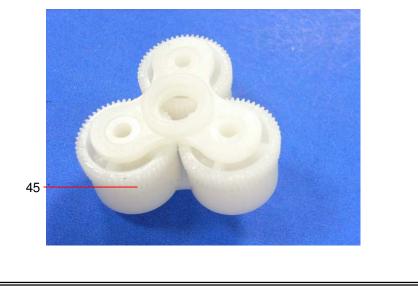
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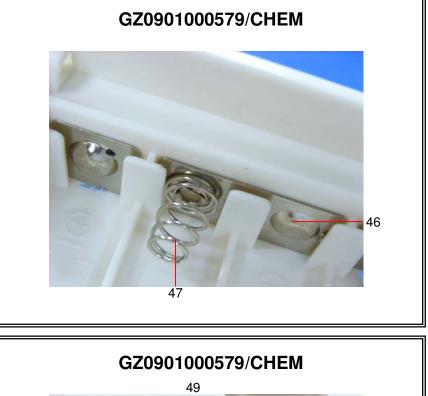


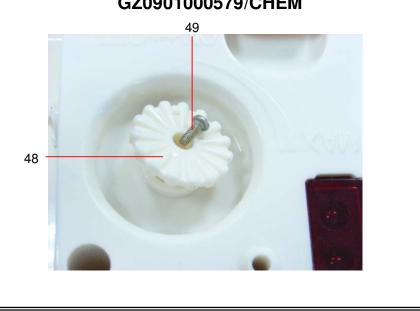


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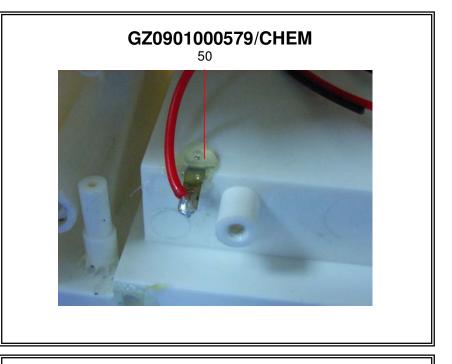




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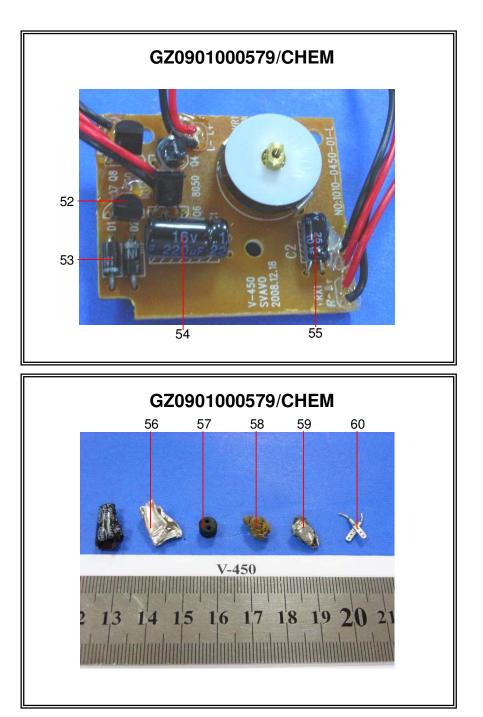




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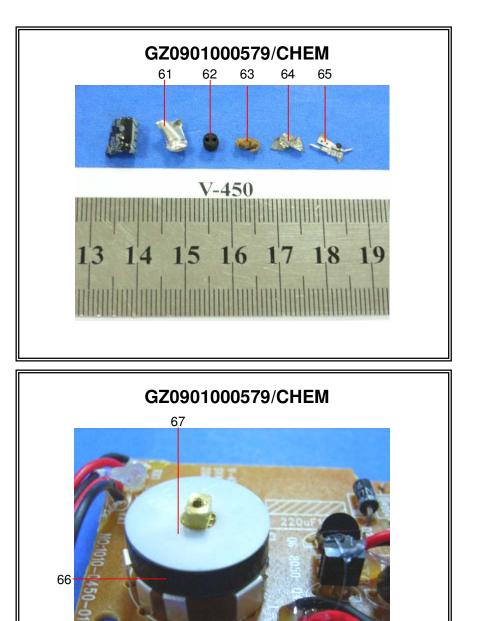


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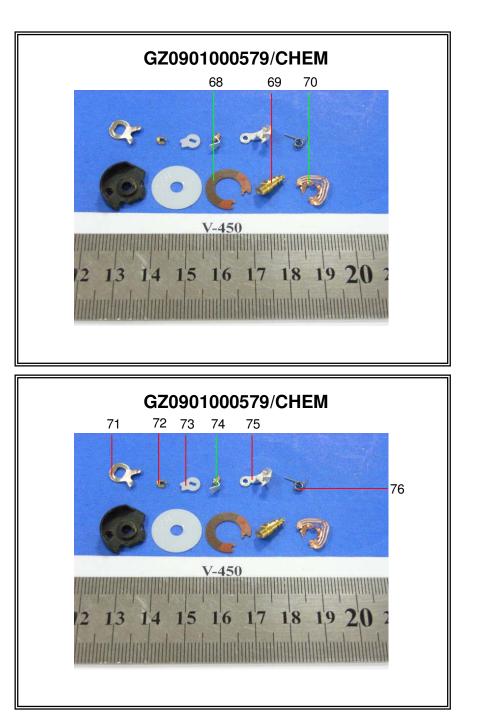


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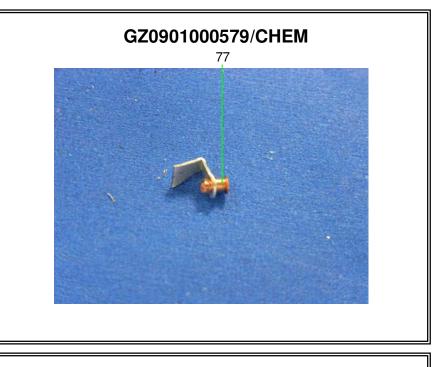


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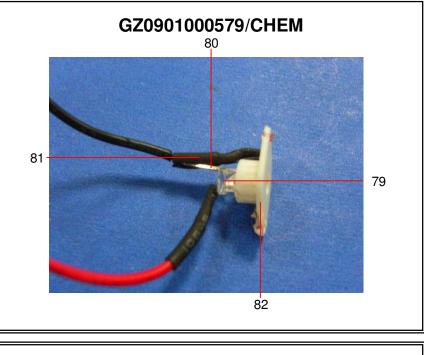


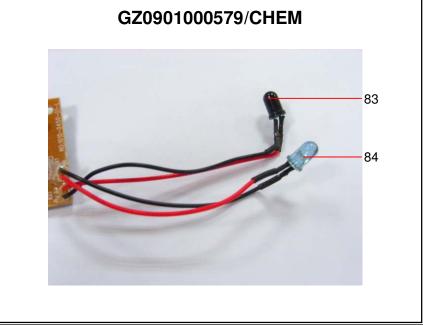


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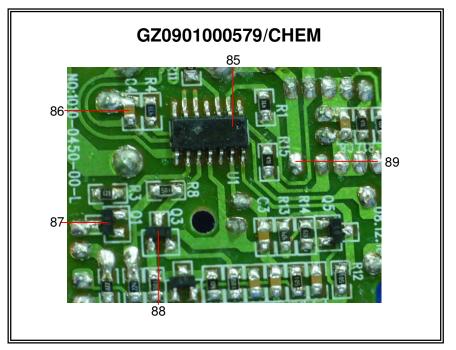




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