

## Test Report

No. SH7103704/CHEM

Date: Sep. 17, 2007

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CIXI KAIFENG ELECTRONIC CO., LTD  
NO.118, DEVELOPMENT ROAD, XIAOLIN DADAO, XIAOLIN TOWN, CIXI CITY, ZHEJIANG, CHINA

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

Sample Name : KF2EDG  
SGS Ref No. : 10566638-3  
Sample may cover : KF2EDGK, KF350, KF396, KF126V(R), KF166 , KF103, KF120, KF141V(R),  
KF142V(R), KF124, KF127, KF128V(R), KF129, KF128DG, KF220, KF221V(R),  
KF222, KF223V(R), KF635, KF950, KF1026, HT508, KF15E  
Main Substance : DIAMONDS, CROCHET HOOK, SCREW, PIN HEADER, PLASTIC

Sample Receiving Date : Sep.11, 2007  
Testing Period : Sep.11 –14, 2007

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives

Test Method : (1) With reference to IEC 62321 Ed.1 111/54/CDV for Cadmium content.  
Analysis was performed by ICP.  
(2) With reference to IEC 62321 Ed.1 111/54/CDV for Lead content.  
Analysis was performed by ICP.  
(3) With reference to IEC 62321 Ed.1 111/54/CDV for Mercury content.  
Analysis was performed by ICP.  
(4) With reference to IEC 62321 Ed.1 111/54/CDV for Hexavalent Chromium by  
spot test / Colorimetric Method.  
(5) With reference to IEC 62321 Ed.1 111/54/CDV for PBBs / PBDEs content.  
Analysis was performed by GC/MS.

Test Results : Please refer to next pages

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Ella Zhang  
Sr. Section Head

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Sandy Hao  
Lab Manager

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Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	1	2	MDL	RoHS Limit
Cadmium(Cd)	(1)	32	ND	2	100
Lead (Pb)	(2)	25845	25	2	1000
Mercury (Hg)	(3)	ND	ND	2	1000
Hexavalent Chromium (CrVI) by Spot test / boiling water extraction	(4)	Negative	Negative	See Note (5)	#

Test Item(s):	Method (refer to)	3	4	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	32	2	100
Lead (Pb)	(2)	ND	25845	2	1000
Mercury (Hg)	(3)	ND	ND	2	1000
Hexavalent Chromium (CrVI) by Spot test / boiling water extraction	(4)	Negative	Negative	See Note (5)	#

Test Item(s):	Method (refer to)	5	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI)	(4)	ND	2	1000
Sum of PBBs	(5)	ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDEs (Note 4)		ND	-	1000
Monobromodiphenyl ether		ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-

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Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether		ND	5	-
Decabromodiphenyl ether		ND	5	-
Sum of PBDEs (Mono to Deca)		ND	-	-

### Test Part Description:

1. Silvery metal terminal
2. Silvery metal terminal
3. Silvery-blue metal screw
4. Silvery metal terminal
5. Green plastic part

### Note:

- (1) mg/kg = ppm
- (2) ND = Not Detected
- (3) MDL = Method Detection Limit
- (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
- (5) Spot-test:  
Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;  
(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)  
Boiling-water-extraction:  
Negative = Absence of CrVI coating  
Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm<sup>2</sup> sample surface area.
- (6) # = Positive indicates the presence of Hexavalent Chromium on the tested areas  
Negative indicates the absence of CrVI on the tested areas.
- (7) "-" = Not Regulated
- (8) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

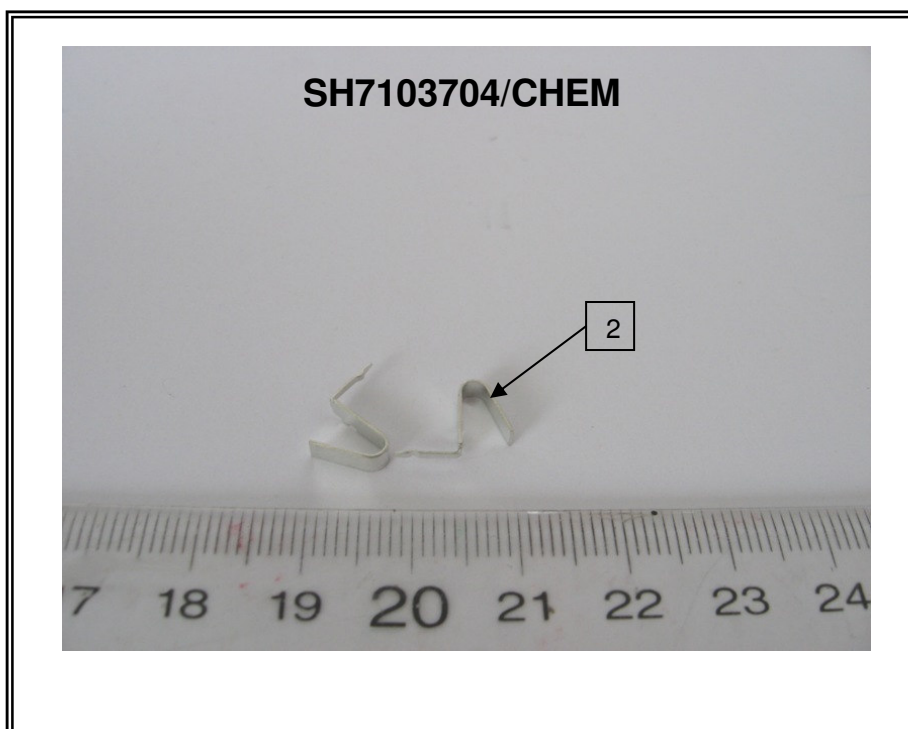
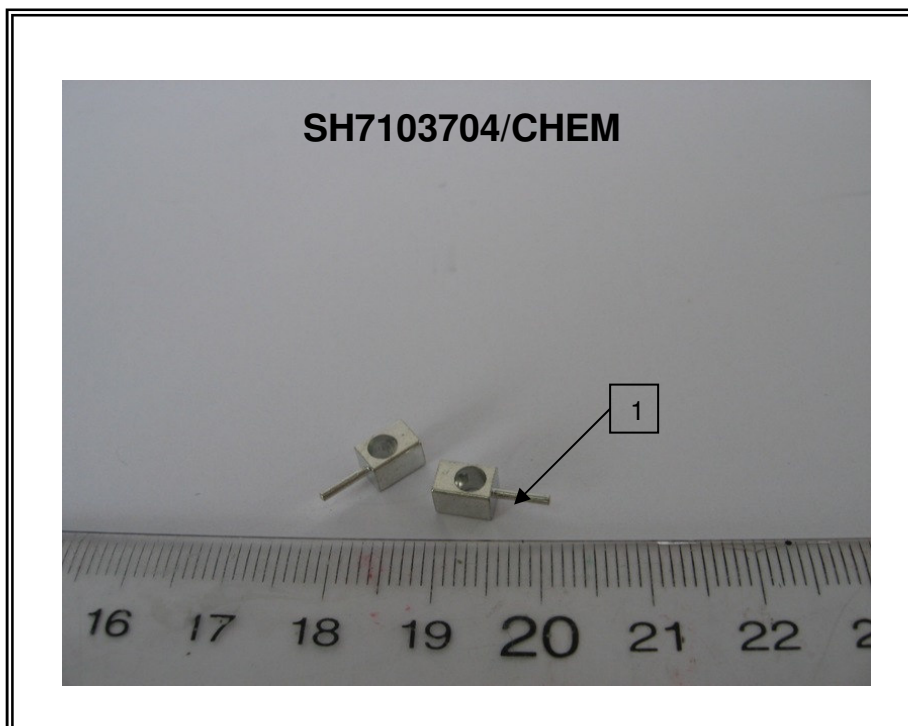
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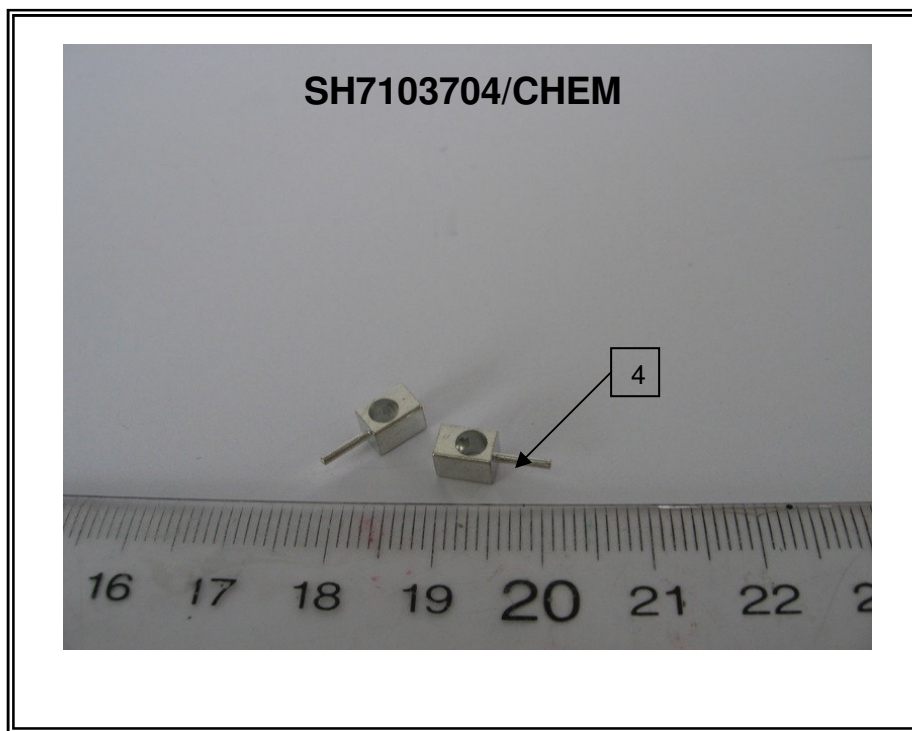
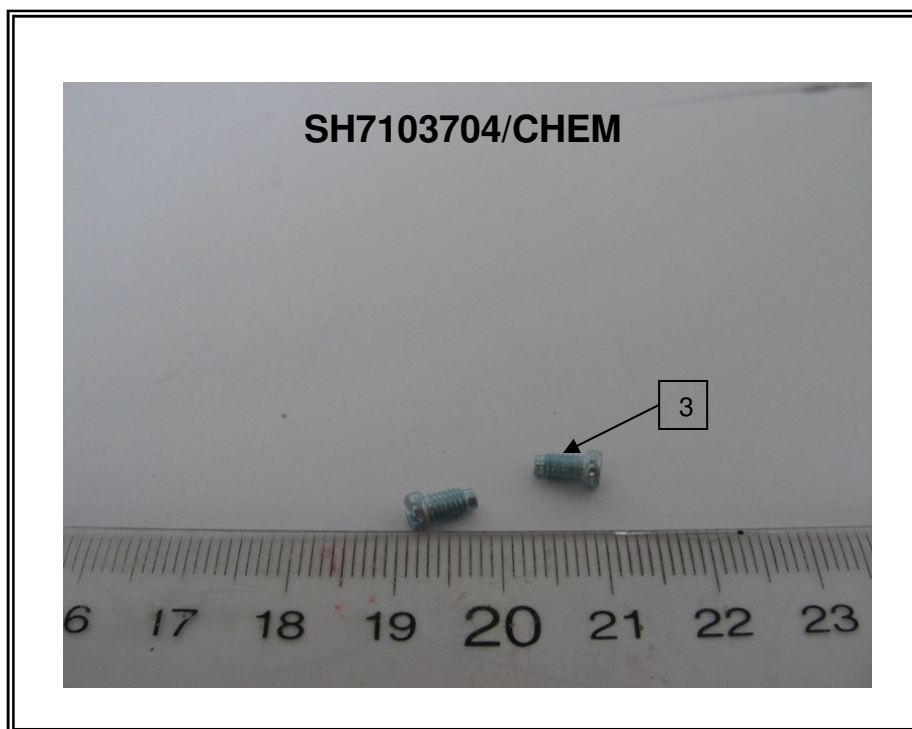
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Sample photo:



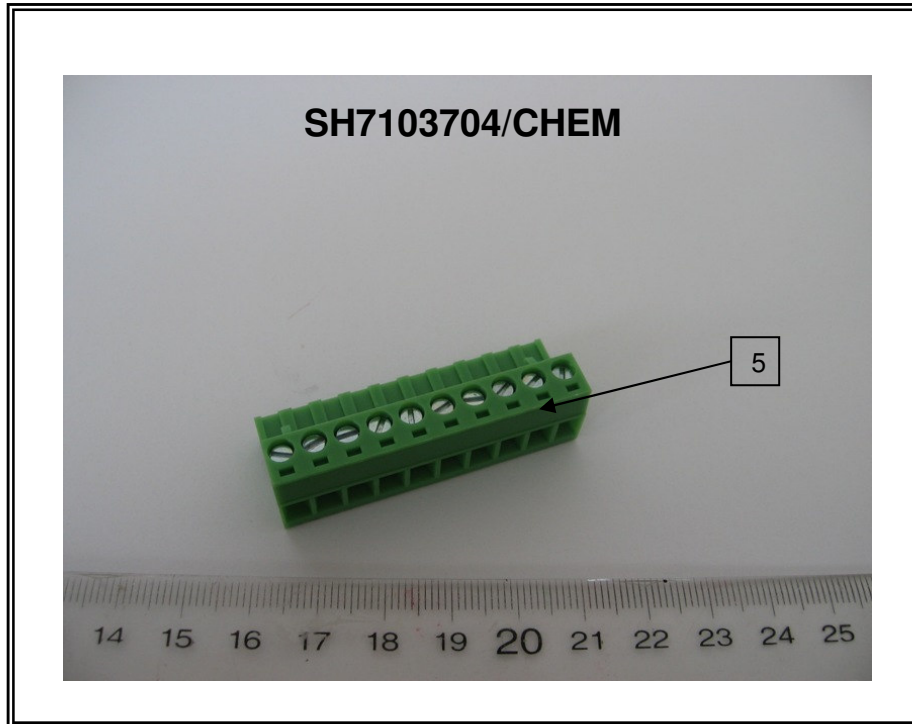


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SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*