

Suppression

Order code	Manufacturer code	Description
23-0730	n/a	FERRITE BEAD (RC)

Suppression	Page 1 of 12
The enclosed information is believed to be correct, Information may change without notice due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 20/02/2007

寶 號
CUSTOMER

激偉

ROHS
COMPLIANT

承 認 書

SPECIFICATION FOR APPROVAL

品名
PRODUCT NAME K5B RH 3.5x4x1.2

客戶料號
CUSTOMER PART NO. **23-0730**

批號
SAMPLE NO. _____

日期
DATE. 2008/04/08

Customer Approved Status 客戶承認範圍

FULLY APPROVED (全部承認)	PARTILLY APPROVED (部份承認)	REVISE APPROVED (修訂承認)
Drawn by	Checked by	Approved by
許雅南	吳明珠	吳炳勳



KING CORE ELECTRONICS INC.

NO 269, Nanfong Rd., Pingjhen City, Taoyuan County Taiwan

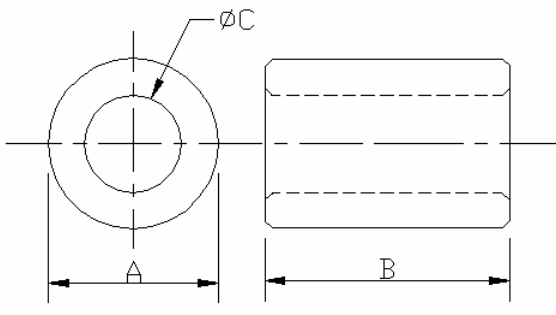
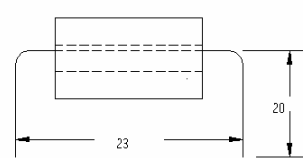
Tel: 886-3-4698855 Fax: 886-4691395

Website: [http:// www.kingcore.com. tw](http://www.kingcore.com.tw)

E-mail: [kc@mail.kingcore.com. tw](mailto:kc@mail.kingcore.com.tw)



SPECIFICATION FOR APPROVAL

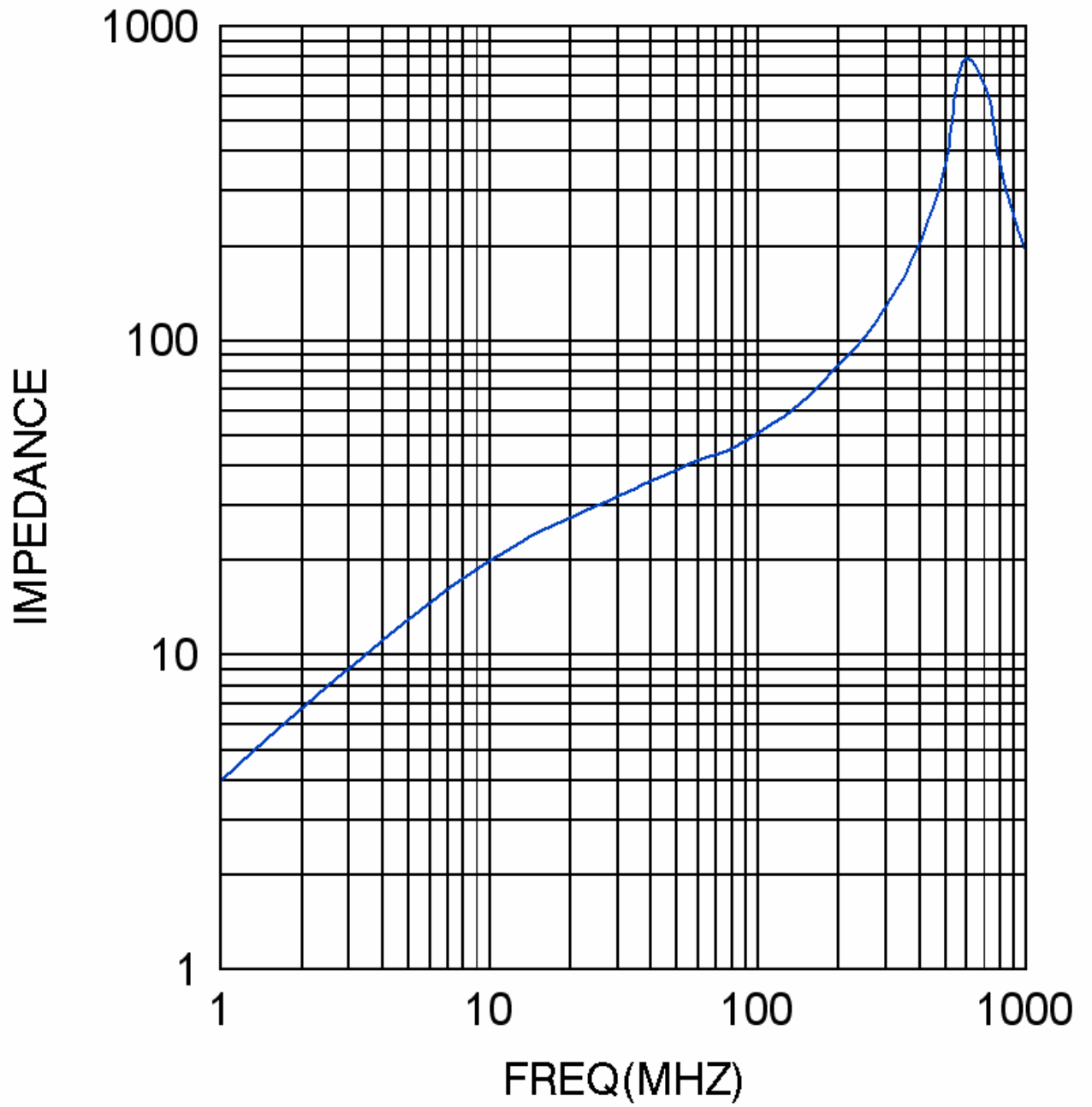
CUSTOMER:	激偉	CUST.P/N:23-0730		
ORDERING CODE:	K5B RH 3.5x4x1.2	K.C.P/N: PS0318IA		
(1) SHAPE :		A	3.50±0.15	m/m
		B	4.00±0.30	m/m
		C	1.20±0.15	m/m
		D		m/m
		E		m/m
		F		m/m
		G		m/m
平角				
(2)ELECTRICAL REQUIREMENTS:	$Z_1 = 20^{-0}$ OHM AT 25 MHz $Z_2 = 40^{-0}$ OHM AT 100 MHz	(3) TEST CONDITIONS:		
		1 IMPEDANCE ANALYZERHP4191A TEST FIXTURE: HP16092A 2.WIRE: $\phi 0.65$ T.C.W*63m/m 1/2Ts 3.DRAWING:		
				
(4)PACKING	<input checked="" type="checkbox"/> IN BULK <input type="checkbox"/> VACUUM <input type="checkbox"/> INSERTION 4000 PCS/BAGS* 5 BAG/INNER BOX* 4 BOXES/CARTON = 80000 PCS PCS/PLATE* PLATES/CARTON= PCS PCS/TRAY* TRAYS/CARTON= PCS	(5) APPEARANCE		
		缺角≤端面1/3面積為合格 深度≤壁厚1/2為合格		
(6)REMARK:		Approved by 吳炳勳		
		Checked by 吳明珠		
		Drawn by 許雅南 2008/4/8		
		DWG.NO. 20084001A		

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER	激偉			CUST. P/N	23-0730	
ORDERING CODE	K5B RH 3.5x4x1.2			K.C. P/N	PS0318IA	
TEMP.	24 °C	RH	69 %	DWG.NO.	20084001A	
WIRE	<i>0.65x63m/m</i> T.C.W	WINDING	1/2 Ts	Q'TY	5PCS	
Test Instruments						
Meas. Item.	Z (OHM)	Z (OHM)	A m/m	B m/m	C m/m	
Spec./ Yours.						
Spec./Suggest.	20⁻⁰	40⁻⁰	3.50±0.15	4.00±0.30	1.20±0.15	
Test Freq.	25 MHZ	100 MHZ				
1	29	50	3.59	4.09	1.23	
2	30	51	3.57	4.03	1.21	
3	30	51	3.58	4.11	1.23	
4	30	51	3.60	4.11	1.21	
5	30	51	3.59	4.08	1.19	
6						
7						
8						
9						
10						
\bar{X}	29.8	50.8	3.586	4.084	1.214	
R	1	1	0.03	0.08	0.04	
Your Sample.						
REMARK:				Approved by: 吳炳勳		
				Checked by: 吳明珠		
				Drawn by: 許雅甫		
2008/4/8						

KING CORE ELECTRONICS INC.

K5B RH 3.5x4x1.2





測試報告

號碼：CE/2007/71447 日期：2007/07/13 頁數：1 of 7

鈞寶電子工業股份有限公司

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以下測試樣品係由客戶送樣，且由客戶聲稱並經客戶確認如下：

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

樣品名稱(Sample Description) : FERRITE CORE
樣品型號(Style/Item No.) : K5B SERIES
收件日期(Sample Receiving Date) : 2007/07/06
測試期間(Testing Period) : 2007/07/06 TO 2007/07/13

=====
測試結果 : 請見下一頁。


Daniel Yeh, M.R., Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei

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測試結果

測試部位 NO.1 : 鐵灰色鐵芯 / IRON-GRAY CORE

測試項目 (Test Item)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				NO.1
鎘 / Cadmium (Cd)	mg/kg	參考IEC 62321, Ed. 1 111/54/CDV 方法, 用感應耦合電漿原子發射光譜 儀 (ICP-AES) 檢測鎘含量。 / With reference to IEC 62321, Ed.1 111/54/CDV. Determination of Cadmium by ICP-AES.	2	n.d.
鉛 / Lead (Pb)	mg/kg	參考IEC 62321, Ed. 1 111/54/CDV 方法, 用感應耦合電漿原子發射光譜 儀 (ICP-AES) 檢測鉛含量。 / With reference to IEC 62321, Ed.1 111/54/CDV. Determination of Lead by ICP-AES.	2	n.d.
汞 / Mercury (Hg)	mg/kg	參考IEC 62321, Ed. 1 111/54/CDV 方法, 用感應耦合電漿原子發射光譜 儀 (ICP-AES) 檢測汞含量。 / With reference to IEC 62321, Ed.1 111/54/CDV. Determination of Mercury by ICP-AES.	2	n.d.
六價鉻 / Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	**	針對金屬材質之樣品, 參考IEC 62321, Ed. 1 111/54/CDV方法檢測, 用Spot test / Colorimetric方法檢 測六價鉻含量。 / With reference to IEC 62321, Ed.1 111/54/CDV. Determination of Hexavalent Chromium for metallic samples by Spot test / Colorimetric Method.	0.02mg/kg with 50 cm ² surface area	Negative

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測試項目 (Test Item)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				NO.1
鹵素 / HALOGEN	---	參考ES EN 14582附錄A, 以離子層析儀分析氟, 氯, 溴, 碘含量 / With reference to ES EN 14582 Annex A. Analysis was performed by IC method for F, Cl, Br, I content.	---	---
鹵素 (氯) / Halogen-Chlorine (Cl) (CAS No.: 007782-50-5)	mg/kg	參考ES EN 14582附錄A, 以離子層析儀分析氯含量 / With reference to ES EN 14582 Annex A. Analysis was performed by IC method for Chlorine content.	50	n.d.
鹵素 (氟) / Halogen-Fluorine (F) (CAS No.: 007782-41-4)	mg/kg	參考ES EN 14582附錄A, 以離子層析儀分析氟含量 / With reference to ES EN 14582 Annex A. Analysis was performed by IC method for Fluorine content.	50	n.d.
鹵素 (溴) / Halogen-Bromine (Br) (CAS No.: 007726-95-6)	mg/kg	參考ES EN 14582附錄A, 以離子層析儀分析溴含量 / With reference to ES EN 14582 Annex A. Analysis was performed by IC method for Bromine content.	50	n.d.
鹵素 (碘) / Halogen-Iodine (I) (CAS No.: 007553-56-2)	mg/kg	參考ES EN 14582附錄A, 以離子層析儀分析碘含量 / With reference to ES EN 14582 Annex A. Analysis was performed by IC method for Iodine content.	50	n.d.

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測試項目 (Test Item)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result) NG.1
多溴聯苯總和 / Sum of PBBs			-	n.d.
一溴聯苯 / Monobromobiphenyl			5	n.d.
二溴聯苯 / Dibromobiphenyl			5	n.d.
三溴聯苯 / Tribromobiphenyl			5	n.d.
四溴聯苯 / Tetrabromobiphenyl			5	n.d.
五溴聯苯 / Pentabromobiphenyl			5	n.d.
六溴聯苯 / Hexabromobiphenyl			5	n.d.
七溴聯苯 / Heptabromobiphenyl			5	n.d.
八溴聯苯 / Octabromobiphenyl			5	n.d.
九溴聯苯 / Nonabromobiphenyl			5	n.d.
十溴聯苯 / Decabromobiphenyl			5	n.d.
多溴聯苯醚總和 (一至九溴) / Sum of PBDEs (Mono to Nona) (Note 4)	mg/kg	參考IEC 62321, Ed. 1 111/54/CDV 方法, 以氣相層析儀/質譜儀檢測多 溴聯苯和多溴聯苯醚含量。 / With reference to IEC 62321, Ed.1 111/54/CDV, Determination of PBB and PBDE by GC/MS.	-	n.d.
一溴聯苯醚 / Monobromobiphenyl ether			5	n.d.
二溴聯苯醚 / Dibromobiphenyl ether			5	n.d.
三溴聯苯醚 / Tribromobiphenyl ether			5	n.d.
四溴聯苯醚 / Tetrabromobiphenyl ether			5	n.d.
五溴聯苯醚 / Pentabromobiphenyl ether			5	n.d.
六溴聯苯醚 / Hexabromobiphenyl ether			5	n.d.
七溴聯苯醚 / Heptabromobiphenyl ether			5	n.d.
八溴聯苯醚 / Octabromobiphenyl ether			5	n.d.
九溴聯苯醚 / Nonabromobiphenyl ether			5	n.d.
十溴聯苯醚 / Decabromobiphenyl ether			5	n.d.
多溴聯苯醚總和 (一至十溴) / Sum of PBDEs (Mono to Deca)			-	n.d.

Note: 1. mg/kg = ppm

2. n.d. = Not Detected / 未檢出

3. MDL = Method Detection Limit / 方法偵測極限值

4. According to 2005/717/EC DecaBDE is exempt.

根據2005年10月13日歐盟會議公佈2005/717/EC, 修訂2002/95/EC內容, 通過解除
高分子材質中十溴聯苯醚之使用限制。

5. "-" = Not Regulated / 無規格值

6. "---" = Not Conducted / 未測項目

7. ** = Qualitative analysis (No Unit) / 定性分析(無單位)

8. Negative = Undetectable / Positive = Detectable

Negative / 陰性(未偵測到), Positive / 陽性(已偵測到)

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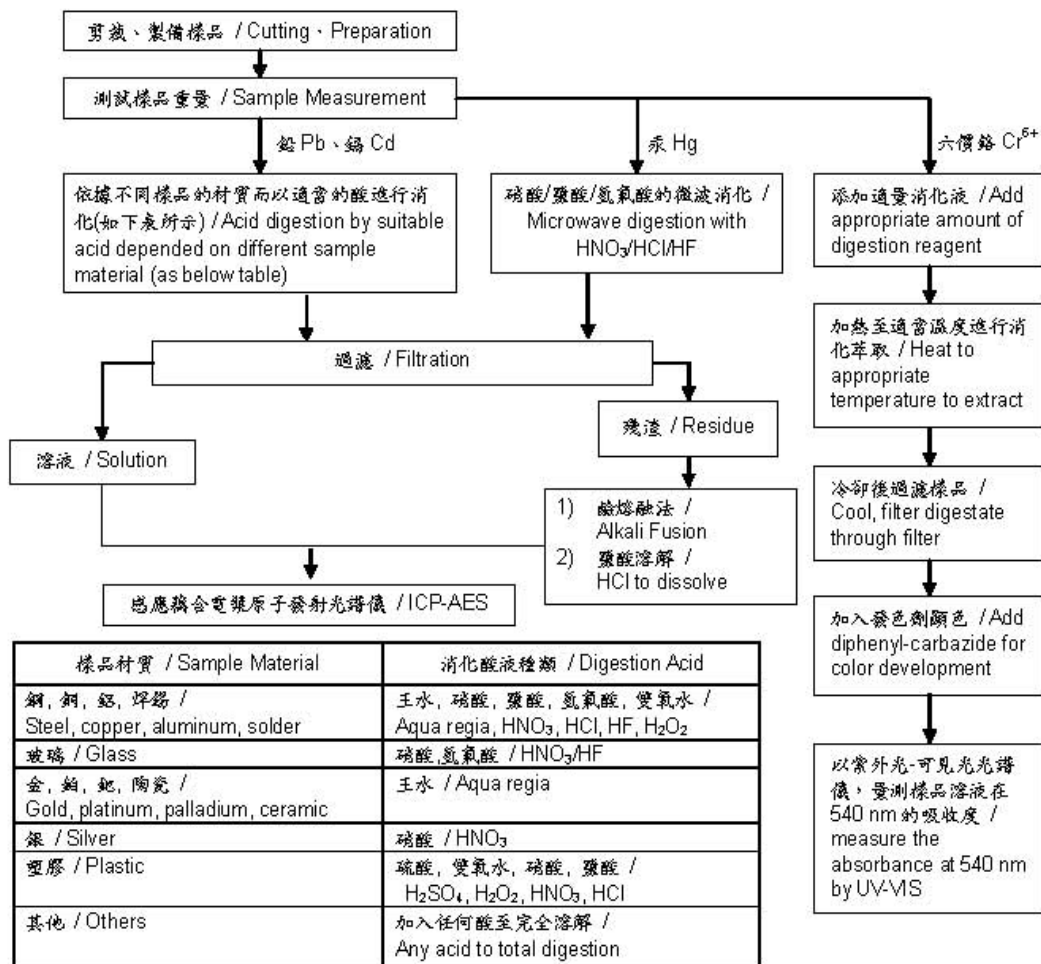
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- 1) 根據以下的流程圖之條件，樣品已完全溶解。(六價鉻測試方法除外) / These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 2) 測試人員：張啓興 / Name of the person who made measurement: Troy Chang
- 3) 測試負責人：葉禮源 / Name of the person in charge of measurement: Daniel Yeh



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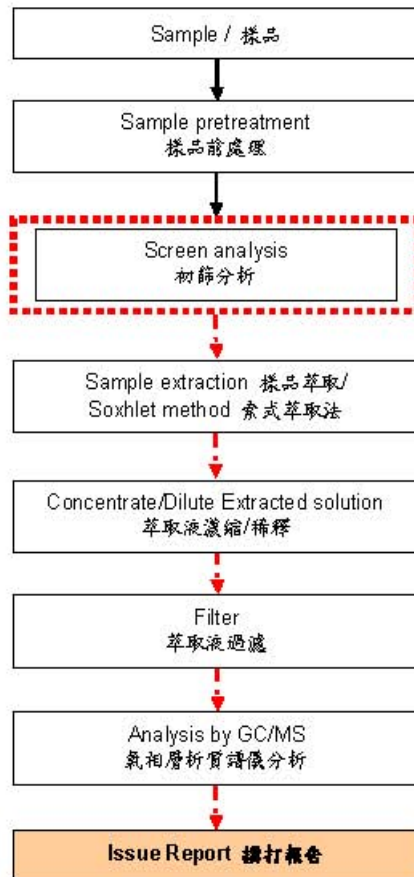
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多邊聯苯/多邊聯苯醌分析流程圖 / PBB/PBDE analytical FLOW CHART

初次測試程序 / First testing process ———▶
 選擇性篩檢程序 / Optional screen process - - - - -▶
 確認程序 / Confirmation process - - - - -▶



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