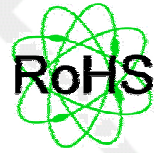




Sound Solutions for Over 50 Years



December 2, 2005

This is to certify that the following Projects Unlimited Inc. component is compliant with the European Union Restriction of Hazardous Substances Directive (RoHS) 2002/95/EC.

SMT-0540-T-5-R

Please contact Projects Unlimited Inc. if you have any further questions.

Regards,

Thomas E. Osterday

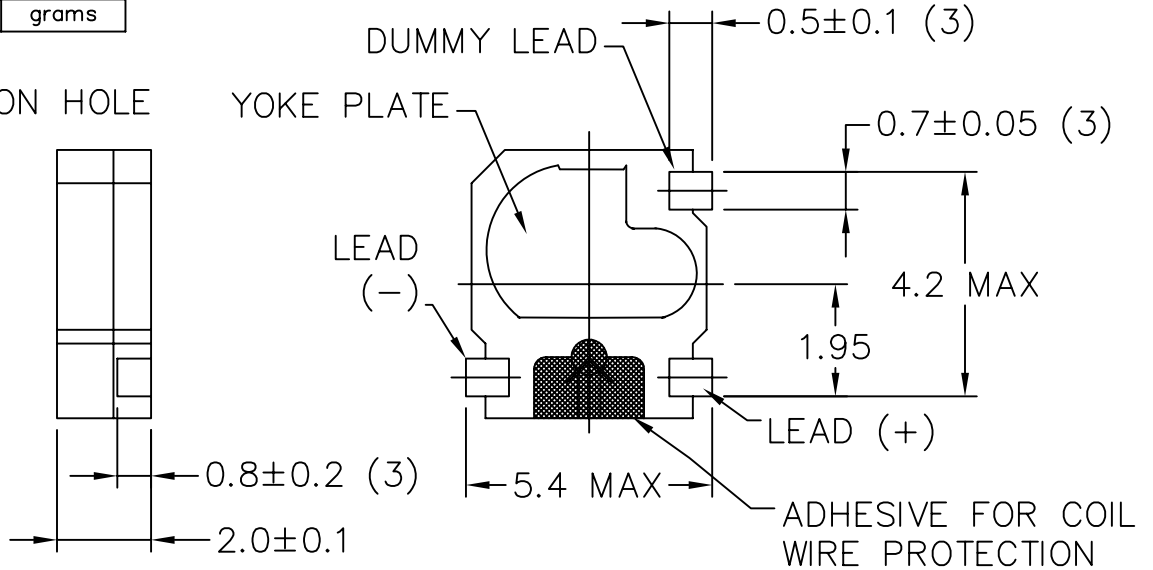
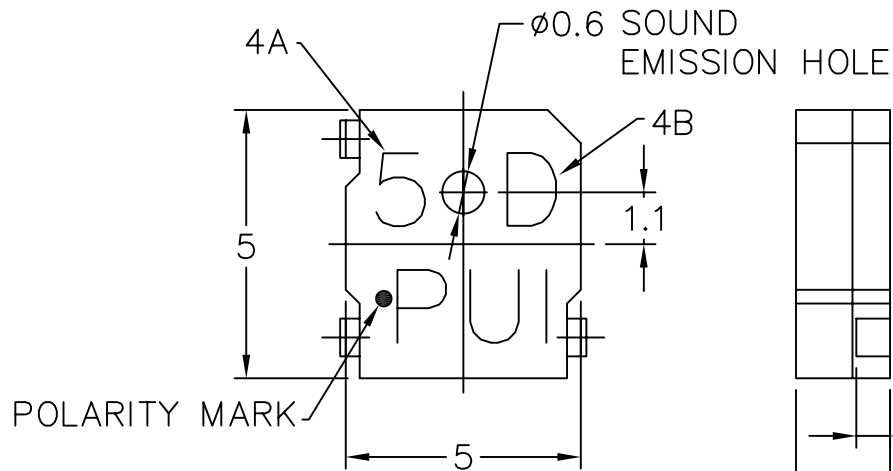
Thomas E. Osterday
Quality Assurance Manager
Projects Unlimited Inc.
6300 Sand Lake
Dayton, Ohio 45414 USA
Phone: 937-918-2200
Fax: 937-918-2206
Email: audio@projectsunlimited.com

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SPECIFICATIONS

PARAMETERS	VALUES	UNITS
RATED VOLTAGE (SQUARE WAVE)	3	Vp-p
OPERATING VOLTAGE RANGE	2 ~ 4	Vp-p
RATED CURRENT (MAX)	100	mA
COIL RESISTANCE	12±2	OHM
MINIMUM SPL @ 10 CM @ 4000 Hz	78	dBA
MINIMUM SPL @ 10 CM @ 1100 Hz	65	dBA
RESONANT FREQUENCY	4,000±500	Hz
OPERATING TEMPERATURE	-30 ~ +70	°C
STORAGE TEMPERATURE	-40 ~ +85	°C
HOUSING MATERIAL	LCP	-
TERMINAL MATERIAL	TIN PLATED PHOSPHOR BRONZE (PBS)	-
WEIGHT	0.25	grams


REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
-	RELEASED FROM ENGINEERING	12/02/05	
A	ADDED MINIMUM SPL @ 1100 Hz	02/06/06	B.R.



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS.
- SPECIFICATION SUBJECT TO CHANGE OR WITHDRAWAL WITHOUT NOTICE.
- THIS PART IS RoHS 2002/95/EC COMPLIANT
- DATE CODE:
A. FIRST DIGIT REPRESENTS THE NO. OF THE YEAR.
B. LAST DIGIT REPRESENTS THE MONTH. (A-JAN~L-DEC.)
- PARTS ARE MANUFACTURED WITH Ni PLATED PURE-Fe YOKE AND USING SmCo-B MAGNET MATERIAL.

FILE NAME
SMT-0540-T-5-R.DWG

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS, TOLERANCES ARE ±0.2 AND ANGLES ARE ±3°.		 projects® unlimited Dayton, Ohio	
APPROVALS		DATE	
DRAWN	J.A.F.	11/05	
CHECKED	B.R.	12/05	
APPROVED	E.P.	12/05	
DO NOT SCALE DRAWING		SCALE: N.T.S.	
DRAWING NO. SMT-0540-T-5-R		SHEET 1 OF 1	

SMT-0540-T-5-R

1. Housing	LCP
2. Terminal	PBS
3. Yoke	Pure-Fe
4. Magnet	SmCo
5. Magnet Plate	Permalloy
6. Resonator	Permalloy
7. Coil Wire	DS-FC
8. Solder	Lead Free
9. Epoxy	A-316J-08
10. Silicone	TB1212



Korea Institute of Ceramic Engineering & Technology

233-5, Gasak-Dong, Gwanak-Gu, Seoul, Korea

Tel : 02-3282-2416 ~ 7 FAX : 02-3282-2418

Issued No. : 2004-1365-5
Applicant : DUPONT / K Nigel Budden
Address of Applicant : 3-5TH Floor, Asia Tower #72b, Yeoksam Dong,
Kangnam-Ku, Seoul, Korea
Name of Test & Analysis Sample : Zenite 6130L
Test & Analysis Method : Instrumental analysis (ICP/OES, AAS, UV, PINN)
Test & Analysis Date : Jul. 08, 2004 ~ Jul. 27, 2004

Test & Analysis Result

Sample	Item	Result	Method	Remarks
Zenite 6130L	Pb (mg/kg)	Not Detected (G)	Instrumental analysis	ISO 9001-2 Recognizing standard
	Cd (mg/kg)	Not Detected (G)		BS EN 1221 (Recognizing standard)
	Hg (mg/kg)	Not Detected (G)		ISO 9002 (Recognizing standard)
	Cu ²⁺ (mg/kg)	Not Detected (G)		ISO 9001-2 (Recognizing standard)

The result is obtained from the test and analysis on the sample submitted by the applicant.

Jul. 27, 2004.

D. W. Park
D. W. Park
Technical Manager



SGS Testing Korea Co., Ltd.

#1002-2, Hwasan-ri, Onsan-up, Ulsan-gun, Ulsan, Korea 689-890
Tel : 052)239-8308-10, Fax 052)239-6913, InterNet: <http://www.sgsgroup.co.kr>

Test Report No. F893101/LF-CTS005397 Date : January 6, 2004 Page 1 of 2

POONGSAN CORPORATION
611, Daejung-ri, Onsan-up, Ulsan-gun,
Ulsan, Korea

The following merchandise was submitted and identified by the client as :-

Type of Product : CS210
SGS File No. : B-49/2003-1263/3
Country of Origin : Korea
Sample receiving date : Dec. 29, 2003
Test performing date : Dec. 30, 2003
Test Performed : SGS Korea tested the sample which was selected by applicant with following result.
Test results : For further details, please refer to following page.

SGS Testing Korea Co., Ltd.

Thomas Hwang / Lab. Manager

CWP/mst

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf. Assurances is given to the best of our knowledge, skill and care. The results shown in this test report, valid only on the sample(s) tested unless otherwise stated. This Test Report cannot be reproduced except in full without prior written permission of the Company.





SGS Testing Korea Co., Ltd.

#1002-2, Hwasan-Hi, Onsan-up, Ulsan-gun, Ulsan, Korea 688-690
Tel : 052)239-6908~10, Fax : 052)239-6813, Internet: http://www.sgsgroup.co.kr

Test Report No. F590101ALP-CTSC05397 Date : January 6, 2004 Page 2 of 2

Heavy Metal

Items	Unit	Test Method	Detection Limit	Results	Specified Max. Limit	Conclusion
Soluble Lead (Pb)	mg/kg	EN 71 Part 3	3.5	n. d.	90	Pass
Soluble Antimony (Sb)	mg/kg	EN 71 Part 3	4	n. d.	60	Pass
Soluble Arsenic (As)	mg/kg	EN 71 Part 3	2	n. d.	25	Pass
Soluble Barium (Ba)	mg/kg	EN 71 Part 3	0.35	n. d.	1000	Pass
Soluble Cadmium (Cd)	mg/kg	EN 71 Part 3	0.35	n. d.	75	Pass
Soluble Chromium (Cr)	mg/kg	EN 71 Part 3	0.7	n. d.	60	Pass
Soluble Mercury (Hg)	mg/kg	EN 71 Part 3	2.5	n. d.	60	Pass
Soluble Selenium (Se)	mg/kg	EN 71 Part 3	8	n. d.	500	Pass

Test Item	Unit	Test Method	Detection Limit	Result
Cadmium (Cd)	mg/kg	ISO 5960, ICP-AES	0.5	n. d.
Lead (Pb)	mg/kg	ISO 4749, ICP-AES	5	38
Mercury (Hg)	mg/kg	USEPA 3052, ICP-AES	0.5	n. d.
Hexavalent Chromium (Cr VI)	µg/ml	ISO 3613	0.02	n. d.

Note : n. d. = Not detected

***** End *****

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**KTL**

Korea Testing Laboratory

221-1, Oun-Dong, Guro-Gu, Seoul 152-848 Korea Tel: +82-2-860-1111 Fax: +82-2-860-1116 <http://www.ktl.or.kr>

FORM T-01

TEST REPORT

Applicant : YEA IL ELECTRONICS CO., LTD.
Address : 5, Do Dang-Dong, Wonnigu Buchon City,
Kyong-gi-do, Korea.
Manufacturer : Test samples are submitted by applicant.
Address : * * * *
Test Item(s) : YCKE
Model(P/N) : * * * *
Reference Standards : Refer to the attached sheet.
Test results : Refer to the attached sheet.
Date of application : May. 12, 2004.
Issued date : May. 19, 2004.

Tested by

KYUNG-MEE LEE

Reviewed by

Manager, HEE-SOO LEE

The test results only responds to the test sample. This test report shall not be reproduced except in full without approval of the KTL.

KOREA TESTING LABORATORY

1. Test Conditions : (20 ± 2)°C, less than 50 % R.H.

2. Quantitative Analysis Results

(Unit : %/kg)

Element	Test Method	Detection Limit	Result
Pb	Refer to ASTM E 350-2000	6.4	Not detected
Cd	Refer to ASTM E 350-2000	0.54	Not detected
Hg	Refer to Microwave Digestion System	1.2	Not detected
Cr ⁶⁺	Refer to ISO 3613-2000	2.5	Not detected

Detection limits are calculated by detection limit of test instrument.
Unit : mg/kg

3. Test instruments

Instrument	Maker	Model
ICP-AES	PERKIN ELMER	OPTIMA 4300
UV/Vis Spectrophotometer	VARIAN	CARY 300
Microwave Digestion System	MILESTONE	MLS 1200 MEGA

THE END

TEST REPORT

(Registered Copy)

Report No. : TAK-015297

Name of President : Kwon Ja-hee

Name of Company : KYUNGKON FERRITE IND CO., LTD.

Client's Address : #1Shinwa Ind Complex 2Na205, 1200-4, Jeongwang-Dong, Shinhaeng-Shi, Kyungki-Do, Korea.

Receipt Date : Aug.04.2004

Test Date : Aug.11.2004

Sample Name : SnO Magnet

TEST RESULTS

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Pb	ppb/kg		0	ASTM E 360 : 1995(AAS)
Cd	ppb/kg		Not Detected	ASTM E 360 : 1995(AAS)
Co	ppb/kg		Not Detected	JIS H 1086 : 1999(AAS)
Elution Cr ⁶⁺	ug/ea		Not Detected	ISO 3613 : 2000(E)(Distilled water+Boiling+In)

USAGE : QUALITY CONTROL

- NOTE : 1. The test result of this test report only limited in the sample and sample name presented by the client and do not guarantee the all products of the client.
2. This test report shall be used only within the purpose of its defined usage and also shall not be used for public relation, advertisement and suit without the KOTRI's written approval.

Testing Personnel : Jae-Hyung Lee (82-31-299-3122)

Issue Date : Apr. 10. 2005

DIRECTOR GENERAL, KOREA TESTING & RESEARCH INSTITUTE FOR CHEMICAL INDUSTRY

1 of Total 1 Page(s)

NEOMAX NEOMAX CO., LTD.

2-19-1, MINAMISUITA, SUITA, OSAKA 554-0043 JAPAN Tel:06-6351-6050 FAX:06-6351-6980

9 July, 2004

Ref. No. NXC-MQAE040703

Messrs. JINEI CORPORATION

Subject: Pledge on Non-use of Hazardous Banned Substances in Products

Dear Sirs,

We can guarantee that chemical substances listed below are not contained in our products on purpose.

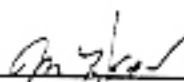
1. Products

Products Name
PB-1
D-1

2. Chemical substances

No.	Chemical substances
1	Lead
2	Cadmium
3	Mercury
4	CHROMIUM(VI)

Yours sincerely,



Masashi Yokoyama

Manager of Section, Quality Assurance Department
Electronic Material Division



Test Report

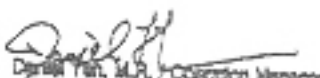
DAIKOKU ELECTRIC WIRE CO., LTD.
757-90 HACHISU KUJOBANE-CHO, NASU-
GUN, TOCHIGI-PREF, JAPAN 324-02

Report No : CE/2004/42040
Date : 2004/04/27
Page : 1 of 2

The following merchandise was/were submitted and identified by the client as :

Type of Product : MAGNET WIRE
Style/Item No : DS-PC
Sample Received : 2004/04/20.
Testing Date : 2004/04/20 TO 2004/04/27

Test Result : - Please see the next page -


Daniel Yen, M.A., Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

The Test Report is issued by the Company subject to the General Conditions of Service annexed herewith. Attention is drawn to the provisions of liability, indemnification, jurisdiction and dispute resolution. The results shown in this report are based on the information provided and are not intended to constitute a warranty. The Test Report cannot be reproduced without the written permission of the Company. (SGS) SERVICE S.R.L. P.O. BOX 14800, CHAMBERG, CH-1900 AIGLE, SWITZERLAND. TEL: +41 27 680 01 00 FAX: +41 27 680 01 01

SGS Taiwan Ltd. 104, 104th St, Xinyi Dist, Taipei, Taiwan, Republic of China / 台北市信義區104路104號
TEL: +886 2 2720 8888 FAX: +886 2 2720 8889
SGS Taiwan Ltd. 104, 104th St, Xinyi Dist, Taipei, Taiwan, Republic of China / 台北市信義區104路104號
TEL: +886 2 2720 8888 FAX: +886 2 2720 8889

Member of the SGS Group of Companies



Test Report

DAIKOKU ELECTRIC WIRE CO., LTD.
767-90 HACHISU KUROBANE-CHO,NASU-
GUN,TOCHIGI-PREF,JAPAN 324-02

Report No : CE/2004/42040
Date : 2004/04/27
Page : 2 of 2

Test Result

PART NAME NO.1 : GOLDEN COLORED METAL WIRE

Test Item(s)	Unit	Method	MDL	Result			
				NO.1			
PBBS/Polybrominated biphenyls(CAS NO:57774-32-7)	%	With reference to 83/264/EEC Analysis was performed by GC/MS/ECD or HPLC/DAD/MS.	0.0005	N.D.			
PBBs(PBDEs)(Polybrominated biphenyl, ethers)	%	With reference to 83/264/EEC Analysis was performed by GC/MS/ECD or HPLC/DAD/MS.	0.0005	N.D.			
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	N.D.			
Mercury (Hg)	ppm	ICP-AES After As per US EPA 3052 or other acid digestion.	2	N.D.			

- NOTE: (1) N.D. = Not detected.(\leq MDL)
(2) ppm = mg/kg
(3) MDL= Method Detection Limit
(4) * --* = Not Applicable
(5) * -* = Not Regulation
(6) * = Results shown are of the adjusted analytical results.
(7) **= Qualitative analysis(No Unit)
(8) Negative = Undetectable / Positive = Detectable.

The Test Report is issued to the Customer subject to the General Conditions of Service printed hereon. Mention is made to the effecting of liability. No responsibility is assumed by SGS for the accuracy of the results shown in this report. SGS shall not be liable for any damage or loss of any kind caused by the use of the results shown in this report. The Test Report is issued to the Customer under the condition that the Customer shall not use the results shown in this report for any purpose other than that for which it was issued. The Test Report is issued to the Customer under the condition that the Customer shall not use the results shown in this report for any purpose other than that for which it was issued.

SGS Testing Lab. | No. 1251, Wu Ding Road, Huaqiang Park, Longhua Town, Shenzhen, P.R. China | Tel: 86 755 2699 2000
E: 86 755 2699 2000 | Fax: 86 755 2699 2000 | www.sgs.com.cn

Member of SGS Group (Service to Society)

NORTHROP GRUMMAN
Component Technologies



ISO 9001:2000
CCP/NO. 091909-1-0001

Kester
Liton Components Pte Ltd
500 Chai Chee Lane, Singapore 480024
Tel: 64491133 Fax: 63429024

CERTIFICATE OF ANALYSIS

MULTI TRADING CO. LTD
197-89 KURO EDONG
KURO-KU
SEOUL, KOREA

Customer No 2063
Order/Line 54069/ 11
Customer PO KMT-031222
Product WI1221
Lot No 5040090
Date 6/02/04

Attention:

Copy:

KESTER SOLDER WIRE AGS/95
0.4MM 345/5W IN 1/4 KG SPL

Name of Analysis	Result	Min Spec	Max Spec
Flux Voids Test	PASS		PASS
Flux Mtg	2.3	1.7	2.7
Sn	BALANCE		BALANCE
Pb	0.015		0.100
Sb	0.000		0.500
Cu	0.003		0.080
Al	0.000		0.005
Cd	0.000		0.005
Zn	0.0000		0.0020
Ag	0.000		0.003
Bi	5.000	4.800	5.200
As	0.000		0.100
Fe	0.012		0.030
Ko	0.000		0.020
Ni	0.000		0.050
In	0.000		0.010
	0.000		0.100

We certify that this product conforms to all product specification requirements.
The inspection and test data is indicated above.
This document is computer generated and does not require a signature.



Korea Environment & Merchandise Testing Institute

450-28 GASAN-DONG, GELMCHOEON-GU, SEOUL, KOREA TEL : 02-2102-2501
 FAX : 02-966-8525, 866-5518 <http://www.ekit.org>

TEST REPORT

No : 20744
 Client : YONG BEE TRADING CORP.
 Address : #454, DOGOK-DONG, GANGNAM-GU,
 SEOUL, KOREA

Del: Out : SEP. 06, 2004
 Del: In : AUG. 30, 2004
 Test Date: SEP. 05, 2004

Sample Description : A-316J 08

Test Results :

Items	Unit	Test Results	Test Methods
Lead(Pb)	mg/kg	Not detected (Detection limit 5)	ISO 6101-2 Analytical instrument : ICP-AES
Cadmium(Cd)		Not detected (Detection limit 2)	EN 1122 Analytical instrument : ICP-AES
Mercury(Hg)		Not detected (Detection limit 1)	Microwave Digestion Analytical instrument : AAS
Chromium VI(Cr ^{VI})		Not detected (Detection limit 1)	ISO 3856/5 UV-VIS Spectrophotometer
PBBs		Not detected (Detection limit 1)	GC-MS, GC-MS/CD analysis
PBDEs		Not detected (Detection limit 1)	

Signed by

Joung Gyeon Lim

Joung Gyeon Lim, Manager
 Env. & Hygiene Dept.

Our report apply only to the standards or procedures identified and to the material tested unless otherwise specified.
 The test results are not indicative of representativeness of the qualities of the lot from which the sample was taken or of
 apparently identical or similar products.



Serves you through creative spirit and excellent technology.

ヘソンテウピック 関中

2004年 7月25日

本社発足の成分について



Three Bond Co., Ltd.
1436, Tsukumachi
Hachioji-shi, Tokyo 157-8520 JAPAN
Tel: (81)426-61-1831
Fax: (81)426-69-7236



拝啓 貴社へのご請求のごとお返事申し上げます。日々業務のご進捗を鑑み、早く御礼申し上げます。

さて、御社から依頼がありました部品につきまして調査いたしましたので、御返事申し上げます。

敬見

記

ThreeBond1012 には下記の1-4の物質を成分として配合してありません。

- 1. 鉛及びその化合物
- 2. 水銀及びその化合物
- 3. カドミウム及びその化合物
- 4. 六価クロム化合物

以 下 空 白