



Test Report

No. 2045489/EC

Date : Feb 24 2006

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MULTICOMP PRODUCTS MANUFACTURED BY
NELTRON INDUSTRIAL CO LTD
2F, 184, Cheng-Teh Rd, Sec.4, Taipei, Taiwan

Report on the submitted sample said to be Dual-In-Line IC Sockets.

SGS Job No. : 1931705
Part Description : 2227MC Series
Buyer : PREMIER FARNELL ASIA PTE. LTD.
Supplier : NELTRON INDUSTRIAL CO LTD
Sample Receiving Date : DEC 02 2005
Testing Period : DEC 03 - 08 2005

Test Requested : With reference to RoHS Directive 2002/95/EC
1) To determine the Cadmium Content in the submitted sample.
2) To determine the Lead Content in the submitted sample.
3) To determine the Mercury Content in the submitted sample.
4) To determine the Cadmium, Lead and Mercury content in the submitted metal sample.
5) To determine the Hexavalent Chromium Content on the submitted sample.
6) Determination of PBBs (polybrominated biphenyls), PBDEs (Polybrominated diphenylethers) of the submitted sample.

Test Method : 1) With reference to BS EN 1122:2001, Method B, analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
2) With reference to EPA Method 3050B/ 3051/ 3052. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
3) With reference to EPA Method 3051/ 3052. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
4) With reference to in-house method. The sample was digested by acid. Analysis was performed by Atomic Absorption or Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES).
5) With reference to EPA Method 3060A & 7196A. The sample was alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A (by UV-Vis Spectrophotometer).
6) With reference to EPA Method 3540C/ 3550C. Analysis was performed by GC/MS or LC/ MS.

Test Results : 1-6) Please refer to next page.

Conclusion : When tested as specified, the submitted samples comply with the requirements of Commission Decision of 18 Aug 2005 amending Directive 2002/95/EC notified under document 2005/618/EC.

Signed for and on behalf of
SGS Hong Kong Ltd

Ho Ka Ting, Family
Laboratory Executive

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Test Results :

1-5)

<u>Test Item</u>	<u>1</u>	<u>Detection Limit</u>	<u>Limit</u>
Cadmium (Cd)	ND	2 ppm	100 ppm
Lead (Pb)	11ppm	2 ppm	1000 ppm
Mercury (Hg)	ND	2 ppm	1000 ppm
Hexavalent Chromium (Cr ⁶⁺)	ND	2 ppm	1000 ppm

<u>Test Item</u>	<u>2</u>	<u>Detection Limit</u>	<u>Limit</u>
Cadmium (Cd)	15 ppm	2 ppm	100 ppm
Lead (Pb)	2.03%	2 ppm	See Remark
Mercury (Hg)	ND	2 ppm	1000 ppm
Hexavalent Chromium (Cr ⁶⁺)	ND	2 ppm	1000 ppm

(Results shown are of the total weight of samples)

Note : ppm = mg/kg
 ND = Not Detected
 Not detected is reported when the reading is less than detection limit value

Remark : According to client's information, sample 2 is copper alloy and the limit of lead is 4% by weight which is referred to RoHS regulatory (Directive 2002/95/EC of The European Parliament and of The Council of 27 January 2003).

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Test Results (Cont'd) :

6)

Flame Retardants	1	2	Detection Limit	Limit
Polybrominated Biphenyls (Mono – Deca)	ND	ND	50 ppm	1000 ppm
Monobromobiphenyl	ND	ND	5 ppm	--
Dibromobiphenyl	ND	ND	5 ppm	--
Tribromobiphenyl	ND	ND	5 ppm	--
Tetrabromobiphenyl	ND	ND	5 ppm	--
Pentabromobiphenyl	ND	ND	5 ppm	--
Hexabromobiphenyl	ND	ND	5 ppm	--
Heptabromobiphenyl	ND	ND	5 ppm	--
Octabromobiphenyl	ND	ND	5 ppm	--
Nonabromobiphenyl	ND	ND	5 ppm	--
Decabromobiphenyl	ND	ND	5 ppm	--
Polybrominated Diphenylethers (Mono – Nona)	ND	ND	45 ppm	1000 ppm
Monobromodiphenyl ether	ND	ND	5 ppm	--
Dibromodiphenyl ether	ND	ND	5 ppm	--
Tribromodiphenyl ether	ND	ND	5 ppm	--
Tetrabromodiphenyl ether	ND	ND	5 ppm	--
Pentabromodiphenyl ether	ND	ND	5 ppm	--
Hexabromodiphenyl ether	ND	ND	5 ppm	--
Heptabromodiphenyl ether	ND	ND	5 ppm	--
Octabromodiphenyl ether	ND	ND	5 ppm	--
Nonabromodiphenyl ether	ND	ND	5 ppm	--
Decabromodiphenyl ether*	ND	ND	5 ppm	See remark

Note : ppm = mg/kg
 ND = Not Detected
 Not detected is reported when the reading is less than detection limit value.

Remark: * Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.

Sample Description :

1. Black Plastic (Bobbin)
2. Golden Metal w/ Silvery Plating (Pin)

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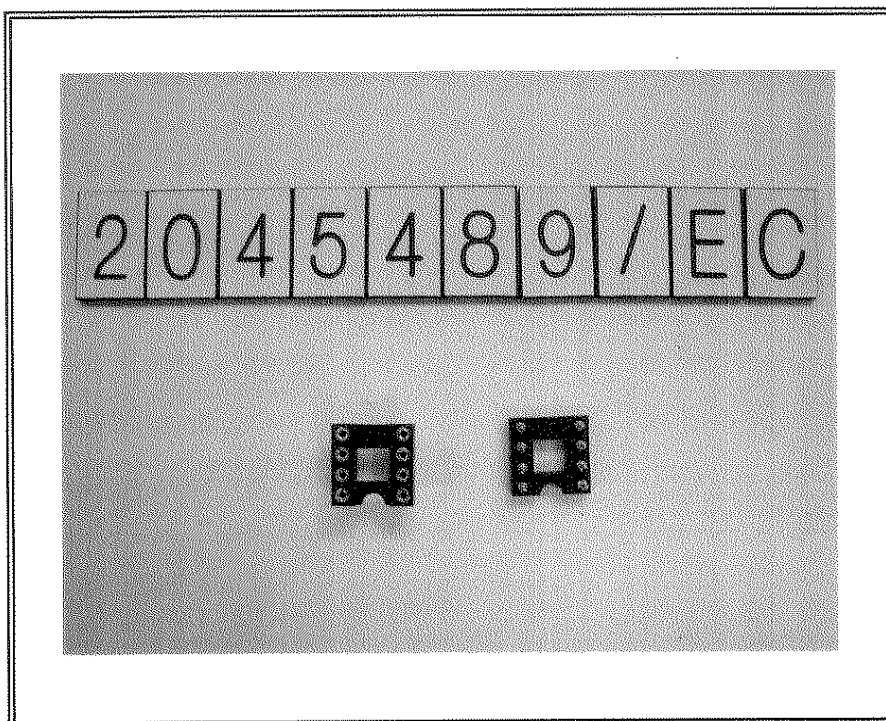
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PHOTO APPENDIX



SGS authenticate the photo on original report only

*** End of Report ***

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