



## Test Report

No. 2038560/EC

Date : Oct 27 2005

Page 1 of 2

MULTICOMP PRODUCTS MANUFACTURED BY  
K.S. TERMINALS INC  
8, E.3<sup>RD</sup> ROAD, CHANG PIN IND. PARK,  
HSIEN SHI, CHANG HWA,  
TAIWAN, R.O.C.

Report on the submitted sample said to be NYLON INSULATED CORD END TERMINALS.

SGS Job No. : 1881488  
Part Description : E-SERIES  
Buyer : PREMIER FARNELL ASIA PTE LTD  
Supplier / Manufacturer : K.S. TERMINALS INC  
Sample Receiving Date : OCT 05 2005  
Testing Period : OCT 05 – 13 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 samples were alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.  
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 sample complies with the requirements of RoHS Directive Consultation document on 2002/95/EC.

Signed for and on behalf of  
SGS Hong Kong Ltd

Ho Ka Ting, Family  
Laboratory Executive



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Page 2 of 2

### Test Results :

1-5) Test Item	1	2	Detection Limit	Limit of RoHS Consultant Document
Cadmium (Cd)	ND	ND	2 ppm	100 ppm
Lead (Pb)	ND	12 ppm	2 ppm	1000 ppm
Mercury (Hg)	ND	ND	2 ppm	1000 ppm
Hexavalent Chromium (Cr <sup>6+</sup> )	ND	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

6)

Flame Retardants	1	2	Detection Limit	Limit of RoHS Consultant Document
<b>Polybrominated Biphenyls (PBBs)</b>	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	--
<b>Polybrominated Diphenylethers (PBDEs)</b>	ND	ND	50 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	--

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

### Sample Description :

1. Black Plastic (End)
2. Silvery Metal (Terminal)

Remark: Photo Appendix is included.

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

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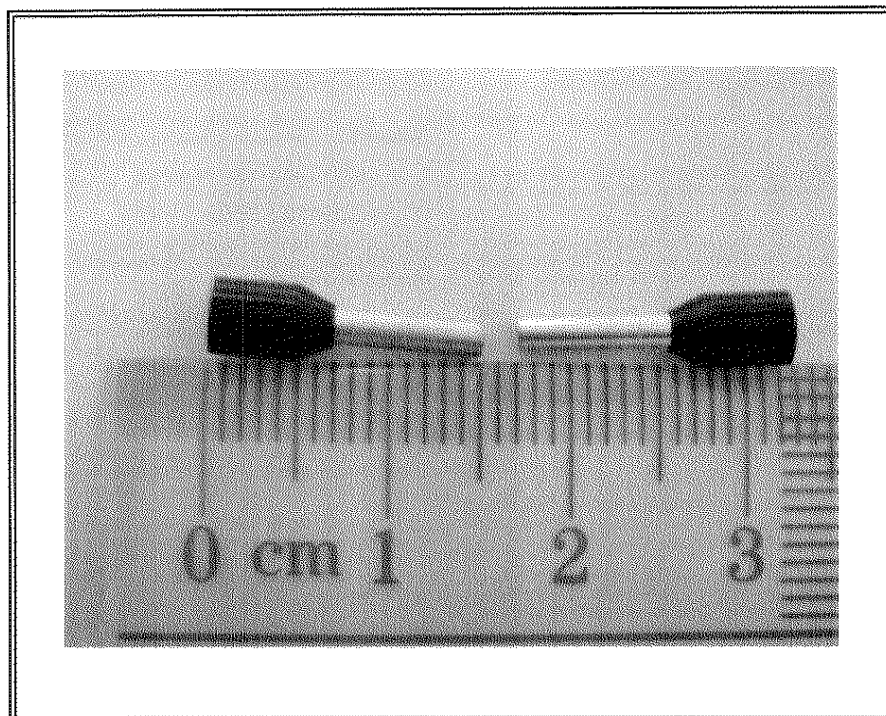
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Test Report No. : 2038560/EC

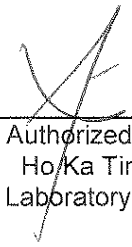
Sample Receiving Date : OCT 05 2005

### PHOTO APPENDIX



SGS authenticate the photo on original report only

Page 1 of 1

  
Authorized Signature  
Ho/Ka Ting, Family  
Laboratory Executive

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