

**DECA The Content Analysis of Hazardous Substance Containing Material**

ITEM NO. :  
MC100 SERIES

**Breakdown of Components & Materials**

**ROHs Contents (ppm)**

Remark \*

**Certificates**

**Breakdown of component**

**Analysis of Materials**

**Cadmium (Cd)**

**Lead (Pb)**

**Chromium (Cr<sup>+6</sup>)**

**Mercury (Hg)**

**PBBs**

**PBDEs**

**Lab.**

**Report No.**

**Cage Clamp**

**Nickel-plated Brass**

**ND**

**16500.3 ppm**

**ND**

**ND**

**\***

**SGS**

**CS\_2005\_B0143**

**Contact**

**Tin-plated Phosphor Bronze**

**ND**

**1230.2 ppm**

**ND**

**ND**

**\***

**SGS**

**CE\_2005\_B1117A**

**Insulating Body**

**Nylon 66**

**ND**

**ND**

**ND**

**ND**

**ND**

**ND**

**SGS**

**CE\_2005\_B0268**

**Screw**

**Nickel-plated Steel**

**ND**

**ND**

**ND**

**ND**

**SGS**

**CE\_2005\_B1118A**

**Remark:**

**\* : Please refer to the attachment document "Directive 2000/53/EC" - Article 4 (2) (a) with the reference of annex 2 for lead as an alloying element No. 4 - copper alloy containing up to 4% lead by weight.  
4% lead = 40000 ppm**

**Approved by : Johnson**

**Prepared by:George**



# Test Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD., HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CE/2005/B1117A  
Date : 2005/11/11  
Page : 1 of 2

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

Type of Product : PHOSPHOR BRONZE, TIN PLATED  
Sample Received : 2005/05/04 & 2005/11/04  
Testing Date : 2005/05/04 TO 2005/05/11 &  
2005/11/04 TO 2005/11/11

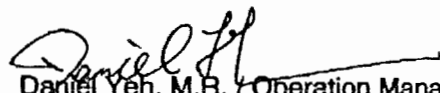
## Test Result

PART NAME NO.1 : SILVER COLORED METAL  
(CE/2005/50609+CE/2005/B1117)

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	1230.2

NOTE: (1) N.D. = Not detected (<MDL)  
(2) ppm = mg/kg  
(3) MDL = Method Detection Limit

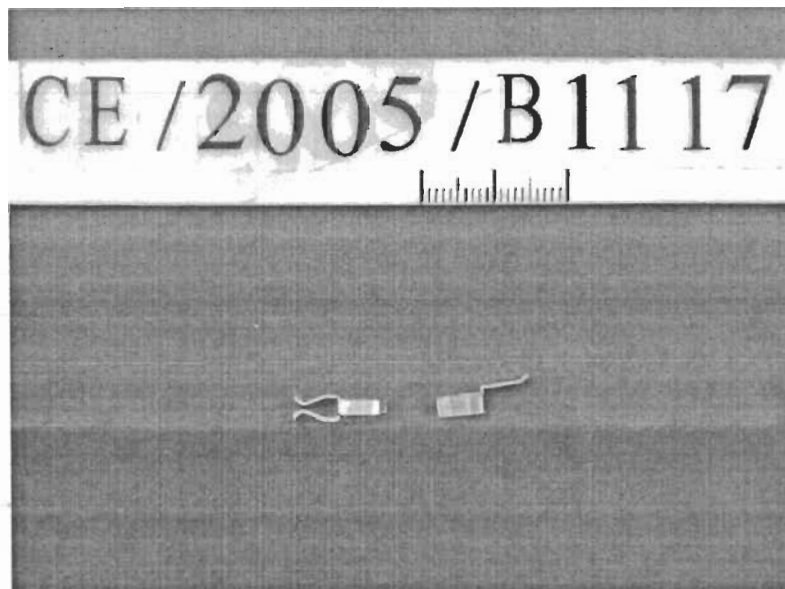
\* This report is combined with report of CE/2005/50609 \*

  
Daniel Yeh, M.R. / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.

## Test Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD., HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CE/2005/B1117A  
Date : 2005/11/11  
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# Test Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD, HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CE/2005/B1118A  
Date : 2005/11/11  
Page : 1 of 2

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

Type of Product : STEEL SCREW PLATED Ni  
Sample Received : 2005/05/04 & 2005/11/04  
Testing Date : 2005/05/04 TO 2005/05/11 &  
2005/11/04 TO 2005/11/11


## Test Result

PART NAME NO.1 : SILVER COLORED METAL

Test Item (s):	Unit	Method	MDL	Result
				No. 1
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.

NOTE: (1) N.D. = Not detected (<MDL)  
(2) ppm = mg/kg  
(3) MDL = Method Detection Limit

\* This report is combined with report of CE/2005/50606 \*

  
Daniel Yeh, M.R. / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.

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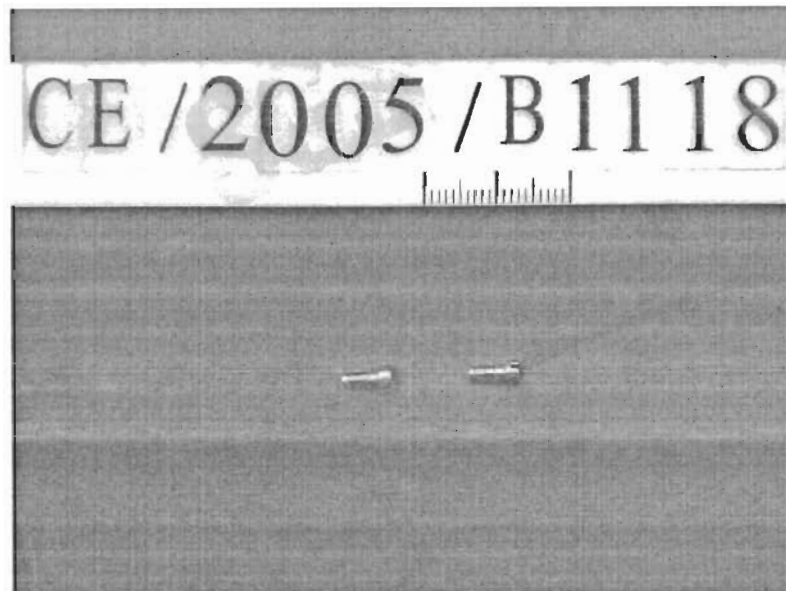
2485393



# Test Report

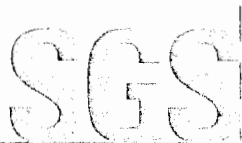
DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD, HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CE/2005/B1118A  
Date : 2005/11/11  
Page : 2 of 2



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TW 2485394



# Test Report

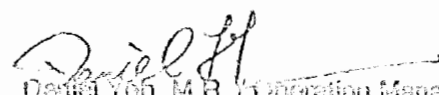
DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD., HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

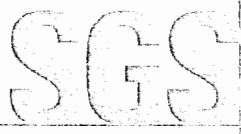
Report No. : CE/2005/B0268  
Date : 2005/11/08  
Page : 1 of 4

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

Type of Product : INSULATING PLASTIC BODY (NYLON 66)  
Sample Received : 2005/11/01  
Testing Date : 2005/11/01 TO 2005/11/08

Test Result : - Please see the next page -

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



# Test Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD., HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CE/2005/B0268  
Date : 2005/11/08  
Page : 2 of 4

## Test Result

PART NAME NO.1 : GREEN PLASTIC

Test Item (s):	Unit	Method	MDL	Result
				No.1
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
<b>Total PBBs (Polybrominated biphenyls)/Sum of above</b>	%		-	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
<b>Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above</b>	%		-	N.D.

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TW 2472554



# Test Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD., HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CE/2005/B0268  
Date : 2005/11/08  
Page : 3 of 4

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.

- NOTE: (1) N.D. = Not detected (<MDL)  
 (2) ppm = mg/kg  
 (3) MDL = Method Detection Limit  
 (4) " - " = Not Regulation

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TW 2472555



## Test Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD., HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CE/2005/B0268  
Date : 2005/11/08  
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# Survey Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD, HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CS/2005/B0143  
Date : 2005/11/11  
Page : 1 of 2

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

Type of Product : PHOSPHOR BRONZE CONTACT PLATED Ni

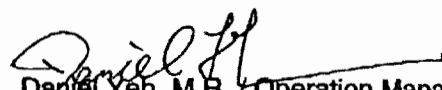
## Test Result

PART NAME NO.1 : SILVER COLORED METAL (CE/2005/50602)  
PART NAME NO.2 : SILVER COLORED METAL (CE/2005/B1121)

Test Item (s):	Unit	Method	MDL	Result	
				No.1	No.2
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	---	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	---	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	---
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	16500.3	---

- NOTE: (1) N.D. = Not detected (<MDL)  
 (2) ppm = mg/kg  
 (3) MDL = Method Detection Limit  
 (4) " --- " = Not Applicable

\* This report is combined with report of CE/2005/50602 & CE/2005/B1121 \*

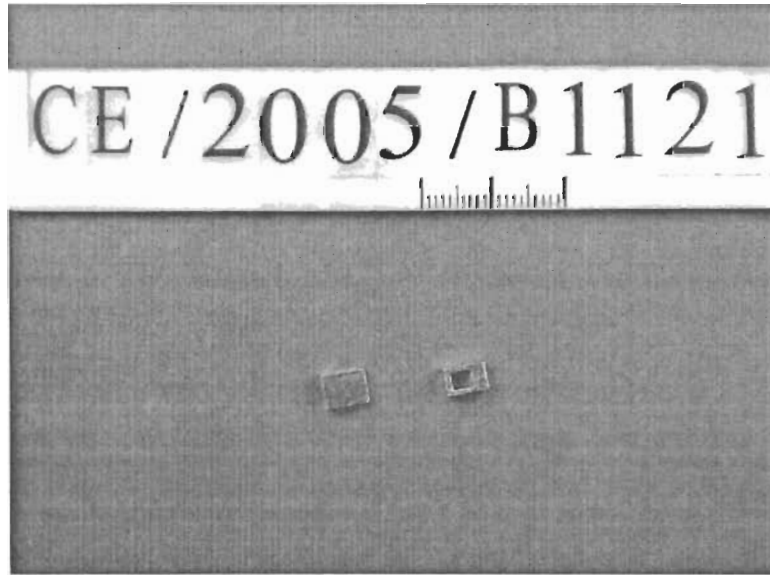
  
Daniel Yeh, M.R. / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.

## Survey Report

DECA SWITCHLAB INC.  
8F, NO. 66, CHUNG CHENG RD, HSIN CHUANG CITY,  
TAIPEI HSIEN, TAIWAN

Report No. : CS/2005/B0143  
Date : 2005/11/11  
Page : 2 of 2

PART NAME NO.1



PART NAME NO.2

