

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

#### **CB TEST CERTIFICATE**

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

Trademark (if any)

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

Additional information of necessary may also be reported on page 2)

A sample of the product was tested and found to be in conformity with

As shown in the Test Report Ref. No. which forms part of this Certificate

Non-rewirable plugs with earthing contact

Dongguan E-Jun Wire Co., Ltd. 3/F., No. 37, Longyan 2nd Road, Longyan Community, Humen Town, Dongguan, Guangdong, China

Dongguan E-Jun Wire Co., Ltd. 3/F., No. 37, Longyan 2nd Road, Longyan Community, Humen Town, Dongguan, Guangdong, China

Dongguan E-Jun Wire Co., Ltd. 3/F., No. 37, Longyan 2nd Road, Longyan Community, Humen Town, Dongguan, Guangdong, China

☐ Additional Information on page 2

16 A, 250 V~

E-JUN

EL-229

66-2549

IEC 60884-1:2002

IEC 60884-1:2002/AMD1:2006 IEC 60884-1:2002/AMD2:2013

National Differences:

TH

SZES170800344901

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd.

Särkiniementie 3

Date: 2017-10-30

FI-00210 Helsinki, Finland

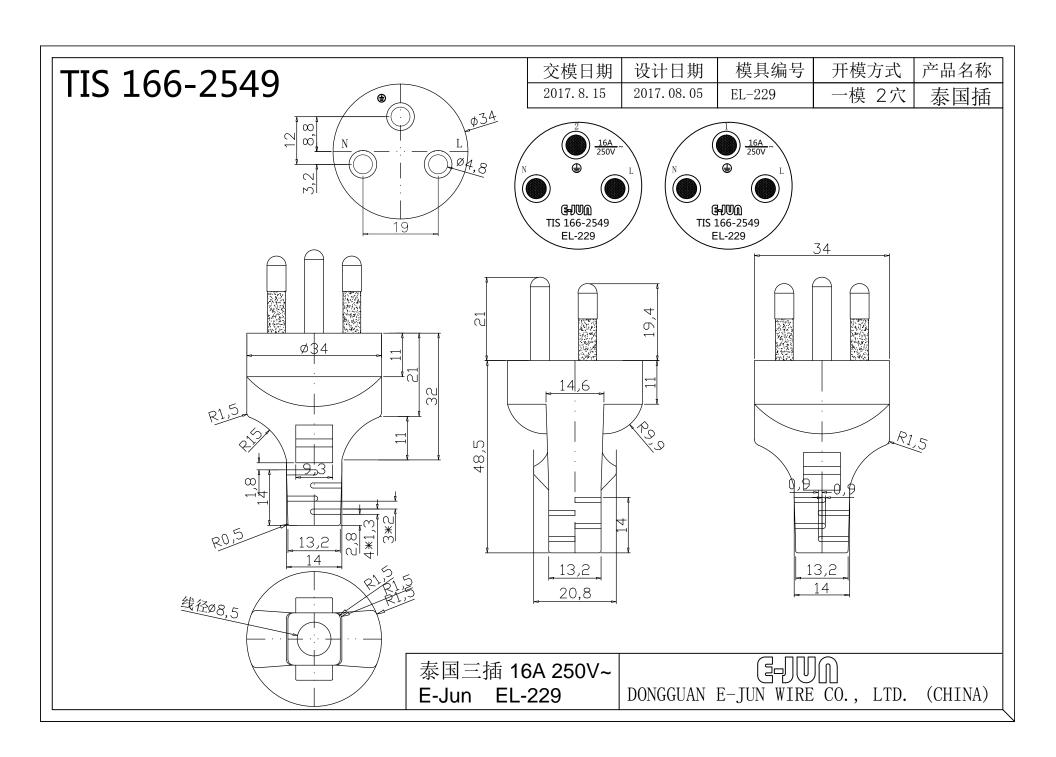
Signature:

SGS

SGS Fimko Ltd.

John

Sixten Lökfors Project Manager





## SGS Fimko Ltd.

# TEST REPORT IEC 60884-1

# Plugs and socket-outlets for household and similar purposes Part 1: General requirements

Report Number.....: SZES170800344901

Date of issue .....: 2017-09-27
Total number of pages ....... 39 Pages

Applicant's name .....: Dongguan E-Jun Wire Co., Ltd.

Address.....: 3/F., No. 37, Longyan 2<sup>nd</sup> Road, Longyan Community, Humen

Town, Dongguan, Guangdong, China

**Test specification:** 

**Standard** :: IEC 60884-1:2002 (Third Edition) + A1:2006 + A2:2013

Test procedure ....: CB-Scheme

Non-standard test method.....: N/A

Test Report Form No.....: IEC60884\_1D

Test Report Form(s) Originator...: IMQ S.p.A.

Master TRF ...... Dated 2013-08

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If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

Test item description ................................. Non-rewirable plugs with earthing contact

Trade Mark ..... E-JUN

Manufacturer.....: Same as applicant

**Model/Type reference** ...... EL-229 **Ratings** ...... 16 A 250 V~



303	Page 3 of 39	Report No.: SZES17080034490
List of Attachments (including a total num	ber of pages in ea	ach attachment):
Attachment 1: 7 pages of photo documentation	on	
Summary of testing: The sample(s) tested complies with the required A2:2013  When determining the test conclusion, the Me		
Tests performed (name of test and test clause):  Full test was applied to submitted samples El with supply cord H05VV-F 3G1,0 mm²  Tests of clause 19 and 23 were applied to submitted samples EL-229 with other type of supply cords	229 Shenzhen No. 1 Work	C Standards Technical Services Co., Ltd.
Summary of compliance with National Diff List of countries addressed: Thailand	erences	

☑ The product fulfils the dimension requirements of TIS 166-2549(2006)



## Page 6 of 39 Report No.: SZES170800344901 General remarks: The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a oxtimes comma / oxtimes point is used as the decimal separator. This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 3 months only. Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02: ☐ Yes The application for obtaining a CB Test Certificate includes more than one factory location and a Not applicable declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided....: When differences exist; they shall be identified in the General product information section. Name and address of factory (ies) .....: Same as applicant

## General product information:

16 A 250 V~, non-rewirable plug with earthing contact, fitted with cords as below:

Type of cord	number of conductors and nominal cross-sectional area
H03VV-F	3x0,5 mm <sup>2</sup>
H03VV-F	3x0,75 mm <sup>2</sup>
H05VV-F	3x0,75 mm <sup>2</sup>
H05VV-F	3x1,0 mm <sup>2</sup>
H05VV-F	3x1,5 mm <sup>2</sup>
H05RR-F	3x0,75 mm <sup>2</sup>
H05RR-F	3x1,0 mm <sup>2</sup>
H05RR-F	3x1,5 mm <sup>2</sup>
H05RN-F	3x0,75 mm <sup>2</sup>
H05RN-F	3x1,0 mm <sup>2</sup>



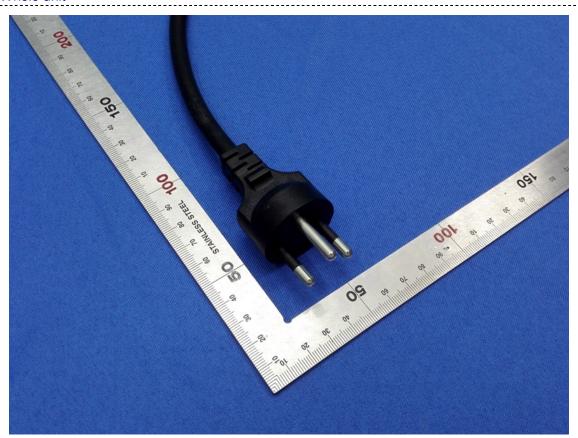
Page 1 of 7

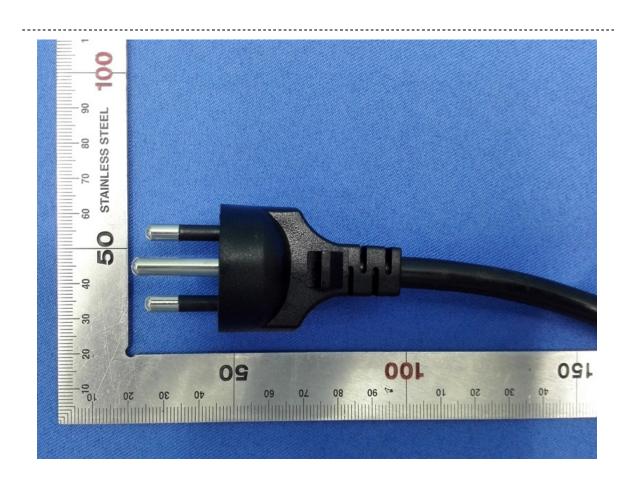
Report No.:

SZES170800344901

## **Attachment 1 Photo documentation**

Whole unit





# DEKRA

# CERTIFICATE

Issued to:
Applicant:
Dongguan E-Jun Wire Co., Ltd (China)
3F, No.37, Longyan 2nd road,
Longyan community, Humen Town
523920 Dongguan, China

Manufacturer/Licensee:
Dongguan E-Jun Wire Co., Ltd (China)
3F, No.37, Longyan 2nd road,
Longyan community, Humen Town
523920 Dongguan, China

Product

Two-pole connector with earthing-contact

Trade name(s)

E-JUN

Type(s)/model(s)

EL-701, EL-701A

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60320-1:2015
- an inspection of the production location according to CENELEC Operational Document CIG 021

- a certification agreement with the number 2173436

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 8 June 2017 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 35-100611

DEKRA Certification B.V.

drs. G.J. Zoetbrood Managing Director

Rosa Zhou Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL









## SPECIFICATION OF THE CERTIFIED PRODUCT

#### Product data

**Product** 

Trade name(s)

Type(s)/model(s)

Rated current

Markings

Rated voltage

Standard sheet

Earthing

Design

Temperature limit

Applied flexible cords

Cord termination

Description

Two-pole connector with earthing-contact

E-JUN

EL-701 and EL-701A

10 A

are shown on the body

250 V ~ C13

with earthing contact

non-rewirable

T70

H05VV-F 3G0,75/ 1,0/ 1,5 mm<sup>2</sup> H05RR-F 3G0,75/ 1,0 mm<sup>2</sup> H05RN-F 3G0,75/ 1,0 mm<sup>2</sup>

crimped connection

for the type of EL-701, which is straight type, body of

thermoplastic material for class I appliances

for the type of EL-701A, which is angled type, body of

thermoplastic material for class I appliances

: are shown on the body

#### **TESTS**

Markings

### Test requirements

EN 60320-1:2015

### Test result

The test results are laid down in DEKRA test file 433528400.

#### Additional Information

The list of components is laid down in DEKRA test report 4335284.50 V1.0.

This certificate replaces certificate No. 4335284.01 which we herewith declare invalid.

#### Conclusion

The examination proved that all requirements were met.

#### Factory location

Dongguan E-Jun Wire Co., Ltd (China) 3F, No.37, Longyan 2nd road, Longyan community, Humen Town 523920 Dongguan, China

## ATTESTATION OF CONFORMITY

Issued to:

Dongguan E-Jun Wire Co., Ltd.

3F, No.37, Longyan 2<sup>nd</sup> road, Longyan community, Humen Town, Dongguan City

China

For the product:

Two-pole connector with earthing-contact

Trade name:

E-JUN

Type/Model:

EL-701, EL-701A

Ratings:

10 A, 250 V~

Manufactured by:

Dongguan E-Jun Wire Co., Ltd.

3F, No.37, Longyan 2<sup>nd</sup> road, Longyan community, Human Town, Dongguan City

Requirements:

EN 60320-1:2015

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 4335284.50.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Guangzhou, 30 March 2017

Number: 4335284.01AOC

DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch

Rosa Zhou Certification Manager

© Integral publication of this attestation and adjoining reports is allowed

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with

CE

DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch Block A3, No 3 Qiyun Road Science City, Guangzhou Hi-Tech Industrial Dev. Zone, 510663 Guangzhou, China T +86 20 6661 2000 F +86 20 6661 2001 www.dekra-certification.com



# **VDE** Prüf- und Zertifizierungsinstitut



## ZEICHENGENEHMIGUNG MARKS APPROVAL

I-Sheng Electric Wire & Cable Co., Ltd. 52 Tin Hwu Road, Ta Hua Village 33334 GWAI SAN, TAOYUAN HSIEN TAIWAN

ist berechtigt, für ihr Produkt / is authorized to use for their product

Starkstromleitungen für allgemeine Anwendungen
- Flexible Leitungen
mit thermoplastischer PVC-Isolierung
Cables for general applications
- Flexible cables with
thermoplastic PVC insulation

die hier abgebildeten markenrechtlich geschützten Zeichen für die ab Blatt 2 aufgeführten Typen zu benutzen / the legally protected Marks as shown below for the types referred to on page 2 ff.

Geprüft und zertifiziert nach / Tested and certified according to

DIN EN 50525-2-11 (VDE 0285-525-2-11):2012-01; EN 50525-2-11:2011

VDE Prüf- und Zertifizierungsinstitut GmbH VDE Testing and Certification Institute Zertifizierungsstelle / Certification

VDE Zertifikate sind nur gültig bei Veröffentlichung unter: VDE certificates are valid only when published on: Aktenzeichen: 1276303-5140-0005 / 170954

File ref .:

Ausweis-Nr. 40006070

Blatt 1

Certificate No.

Page

Weitere Bedingungen siehe Rückselte und Folgeblätter / further conditions see overleaf and following pages

Offenbach, 2003-04-25

(letzte Änderung/updated 2012-10-12 )

http://www.vde.com/zertifikat http://www.vde.com/certificate





# 24

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Blatt / Certificate No. page 40006070 2

Name und Sitz des Genehmigungs-Inhabers / Name andregistered seat of the Certificate holder I-Sheng Electric Wire & Cable Co., Ltd., 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN, TAOYUAN HSIEN, TAIWAN

Aktenzeichen / File ref. 1276303-5140-0005 / 170954 / FG42 / HEG

letzte Änderung / updated Datum / Date 2012-10-12 2003-04-25

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40006070 This supplement is only valid in conjunction with page 1 of the Certificate No. 40006070.

Starkstromleitungen für allgemeine Anwendungen
- Flexible Leitungen
mit thermoplastischer PVC-Isolierung
Cables for general applications
- Flexible cables with
thermoplastic PVC insulation

Typ(en) / Type(s):

H03VV-F 2...3 x 0,5...0,75 mm<sup>2</sup> H03VVH2-F 2 x 0,5...0,75 mm<sup>2</sup> H05VV-F 2...5 x 0,75...2,5 mm<sup>2</sup> H05VVH2-F 2 X 0,75...1,0 mm<sup>2</sup>

Leitungsbauart Type of cable

Standardleitungen General purpose cables

Firmenzeichen Trademark

I-SHENG SGIS

Dieser Zeichengenehmigungs-Ausweis bildet eine Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den grundlegenden Schutzanforderungen der EG-Niederspannungsrichtlinie 2006/95/EG mit ihren Änderungen.

This Marks Approval is a basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and proves the conformity with the essential safety requirements of the EC Low-Voltage Directive 2006/95/EC including amendments.

VDE Prüf- und Zertifizierungsinstitut GmbH VDE Testing and Certification Institute Fachgebiet FG42 Section FG42

VDE Prüf- und Zertifizierungsinstitut GmbH \* Testing and Certification Institute

3

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Certificate No. 40006070

Beiblatt / Supplement

Name und Sitz des Genehmigungs-Inhabers / Name andregistered seat of the Certificate holder I-Sheng Electric Wire & Cable Co., Ltd., 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN, TAOYUAN HSIEN, TAIWAN

Aktenzeichen / File ref. 1276303-5140-0005 / 170954 / FG42 / HEG letzte Änderung / updated Datum / Date 2012-10-12 2003-04-25

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40006070, This supplement is part of the Certificate No. 40006070.

Starkstromleitungen für allgemeine Anwendungen
- Flexible Leitungen
mit thermoplastischer PVC-Isolierung
Cables for general applications
- Flexible cables with
thermoplastic PVC insulation

Fertigungsstätte(n)
Place(s) of manufacture

Referenz/Reference 30006550

I-Sheng Mfg (Song Gang) Factory

Tang Xiayong Road Songgang Town

518105 BAOAN AREA, SHENZHEN

Guangdong CHINA

VDE Prüf- und Zertifizierungsinstitut GmbH VDE Testing and Certification Institute Fachgebiet FG42 Section FG42



# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Infoblatt / Certificate No. Info sheet 40006070

Name und Sitz des Genehmigungs-Inhabers / Name andregistered seat of the Certificate holder I-Sheng Electric Wire & Cable Co., Ltd., 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN, TAOYUAN HSIEN, TAIWAN

Aktenzeichen / File ref. 1276303-5140-0005 / 170954 / FG42 / HEG letzte Änderung / updated Datum / Date 2012-10-12 2003-04-25

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40006070 This supplement is only valid in conjunction with page 1 of the Certificate No. 40006070.

## Genehmigung zum Benutzen des auf Seite 1 abgebildeten markenrechtlich geschützten Zeichens des VDE:

Grundlage für die Benutzung sind die Allgemeinen Geschäftsbedingungen (AGB) der VDE Prüf- und Zertifizierungsinstitut GmbH (www.vde.com\AGB-Institut). Das Recht zur Benutzung erstreckt sich nur auf die bezeichnete Firma mit den genannten Fertigungsstätten und die oben aufgeführten Produkte mit den zugeordneten Bezeichnungen. Die Fertigungsstätte muss so eingerichtet sein, dass eine gleichmäßige Herstellung der geprüften und zertifizierten Ausführung gewährleistet ist.

Die Genehmigung ist so lange gültig wie die VDE-Bestimmungen gelten, die der Zertifizierung zugrunde gelegen haben, sofern sie nicht auf Grund anderer Bedingungen aus der VDE Prüf- und Zertifizierungsordnung (PM102) zurückgezogen werden muss.

Der Gültigkeitszeitraum einer VDE-GS-Zeichengenehmigung kann auf Antrag verlängert werden. Bei gesetzlichen und / oder normativen Änderungen kann die VDE-GS-Zeichengenehmigung ihre Gültigkeit zu einem früheren als dem angegebenen Datum verlieren.

Produkte, die das Biozid Dimethylfumarat (DMF) enthalten, dürfen gemäß der Kommissionsentscheidung 2009/251/EG nicht mehr in den Verkehr gebracht oder auf dem Markt bereitgestellt werden.

Der VDE-Zeichengenehmigungsausweis wird ausschließlich auf der ersten Seite unterzeichnet.

## Approval to use the legally protected Mark of the VDE as shown on the first page:

Basis for the use are the general terms and conditions of the VDE Testing and Certification Institute (www.vde.com\terms-institute). The right to use the mark is granted only to the mentioned company with the named places of manufacture and the listed products with the related type references. The place of manufacture shall be equipped in a way that a constant manufacturing of the certified construction is assured.

The approval is valid as long as the VDE specifications are in force, on which the certification is based on, unless it is withdrawn according to the VDE Testing and Certification Procedure (PM102E).

The validity period of a VDE-GS-Mark Approval may be prolonged on request. In case of changes in legal and / or normative requirements, the validity period of a VDE-GS-Mark Approval may be shortened.

Products containing the biocide dimethylfumarate (DMF) may not be marketed or made available on the EC market according to the Commission Decision 2009/251/EC.

The approval is solely signed on the first page.



## Test Report

Issued from:

## **VDE GS Chemical Services**

Unit 616, 6/F, East Wing, 10 Science Park West Avenue, HK Science Park, Shatin, Hong Kong

Tel.: +852 3622 3139 Fax.:+852 2788 2072

E-mail: Jacky. Yau@vde.com

Test location:

No.6, Xi-an Taihua Road, Cangjiang Industrial Zone, Gaoming Foshan 528500, Guangdong, China



Applicant:

Dongguan E-Jun Wire Co.,Ltd(China)
3F, No.37 Longyan 2nd Road, Longyan Community
523920 Humen Town, Dongguan City Guangdong China

Manufacturer:
File number:

GRGZ2000026

PVC material

Brand/model/serial number:

EUT received:

2017-09-27

(Test period: 2017-09-27 to 2017-09-29)

Remarks: Customer requested to test for RoHS compliance.

Applied standards/ Regulations:

Standards	Regulation		
IEC 62321:2013	Directive 2011/65/EU (RoHS)		

Result: PASS

Date of issue:	2017-09-29		
Tested by:	Ms. Zhen Xing Chen 陈振兴	陈振石	
Reviewed:	Dr. Jacky Yau	Jacky to	



## **Contents Directory**

Test	ing for RoHS compliance	.3
	Description of the Sample (EUT)	
	Test Methods Used	
	Material Assav Screening Results	



This Test report contains only the results of a single investigation carried out on the product submitted. It is not a generally valid judgement by the VDE Global Services Hong Kong regarding the properties of similar products taken from current production. It does not apply to all VDE specifications applicable to the Tested products. It does not entitle the applicant to use the VDE certification mark and the mark "GS = Geprüfte Sicherheit (approved safety)".

This Test report may only be passed to a third party in its complete wording including this preamble and the date of issue. Any publication or reproduction requires the prior written approval of the VDE Global Services Hong Kong branch.



Test Report No.: Testreport GRGZ2000026

## Testing for RoHS compliance

## 1 Description of the Sample (EUT)

Type of EUT:	Product as mentioned on page
Model:	-
Serial number:	-

## 2 Test Methods Used

Method Description	Parameters	Instruments Used	Standardized Test Method
Elemental Screening by X-Ray Fluorescence Spectroscopy	Cd, Pb, Hg, Cr, Br	Shimadzu EDX 720	IEC 62321-3-1 Ed. 1
Inductively Coupled Plasma – Optical Emission Spectrometry	Cd, Pb, Hg	Shimadzu ICPE-9000	IEC 62321-5 Ed. 1
Ultraviolet-visible Spectrometry	Cr(VI)	Shimadzu UV-2450	IEC 62321-7-1 & -2 Ed.1
Gas Chromatography coupled with Mass Spectrometry	PBB/PBDE	Shimadzu GCMS-QP2010 Plus	IEC 62321-6 Ed.1

Remarks:	

Assessment summary:	In the following items materials of concern above the reporting threshold of
	0,01% (100 ppm) and 0,001% (10 ppm) for cadmium were reported under X-
1	Ray (EDX). Acceptance criteria are applying thresholds according to RoHS.
	For wet test: Limit of detection for Cd, Pb & Hg is 2ppm. Limit of detection for
	Cr (VI) is 2ppm and for PBB & PBDE is 5ppm.



3 Material Assay Screening Results

			XRF Screening		Wet chemical tests		
Sample ID Description	Photo	Test item	Conc. (%)	Test item	Conc. (%)	Rating	
		Total Br	ND			#2 TAX	
FS20170901	PVC	A 400 CO.	Total Cr	ND			PASS
62-01	material-	VIII VIII	Hg	ND			
02 01	Blue	0000	Cd	ND			
			Pb	ND			
			Total Br	ND			
FS20170901	PVC		Total Cr	ND			
62-02	material-	200	Hg	ND			PASS
	White		Cd	ND			
Air	a tracky		Pb	ND			
			Total Br	ND			STREET, STREET,
FS20170901	PVC		Total Cr	ND			
62-03	material-		Hg	ND			PASS
02 00	Black	2	Cd	ND			
			Pb	ND			
		•	Total Br	ND			
FS20170901	PVC	100	Total Cr	ND			PASS
62-04	material-	1000	Hg	ND			
02-04	Brown		Cd	ND		(6)	
			Pb	ND			
			Total Br	ND			
FS20170901	PVC	Ans.	Total Cr	ND			PASS
62-05	material-Red		Hg	ND			
02-03	material-Neu		Cd	ND			
			Pb	ND			
			Total Br	ND			
FS20170901	PVC	aterial-	Total Cr	ND			PASS
62-06	material-		Hg	ND			
02-00	Green		Cd	ND			
			Pb	ND			
			Total Br	ND			PASS
FS20170901	PVC		Total Cr	ND			
62-07	material-		Hg	, ND			
02-07	Yellow		Cd	ND			
			Pb	ND			
			Total Br	ND			PASS
ES20170004	PVC	material-	Total Cr	ND			
62-08 material-			Hg	ND			
	Dark brown		Cd	ND			
		The second section	Pb	ND			

ND: Not Detected, i.e. concentration is below Reporting Limit (RL). NA: Not applied.

---END OF REPORT---