TEST REPORT
IEC 60884-2-5
Plugs and socket-outlets for household and similar purposes
Part 2: Particular requirements for adaptors

Report Number.....:	LCSA032723092S
Date of issue.....:	2023-04-21
Total number of pages .....:	96
Name of Testing Laboratory preparing the Report.....:	Shenzhen LCS Compliance Testing Laboratory Ltd. Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Applicant's name .....:	Dongguan Best Travel Electronics Co., Ltd
Address.....:	402# 4/F, B Building, No.6, Tonggu Middle Road, Shangjiao District, Chang'an Town, Dongguan City, 523870 Guangdong, P.R. China
Test specification:	
Standard .....:	IEC 60884-2-5:2017 for use in conjunction with IEC 60884-1:2002, AMD1:2006, AMD2:2013
Test procedure .....:	Type test
Non-standard test method .....:	N/A
Test Report Form No. .....:	IEC60884_2_5E
Test Report Form(s) Originator ....:	IMQ S.p.A.
Master TRF .....:	Dated 2018-10-02

General disclaimer:

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 CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description.....:	Travel adapter
Trade Mark.....:	N/A
Manufacturer .....:	Same as applicant
Model/Type reference .....:	See the model list on page 5-6 for details
Ratings.....:	See the model list on page 5-6 for details

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Testing procedure and testing location:	
Testing Laboratory:	Shenzhen LCS Compliance Testing Laboratory Ltd.
Testing location/ address..... :	Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tested by ..... :	Cassie Ling / Test engineer
Reviewed by ..... :	Tim Liu / Project engineer
Approved by ..... :	Hart Qiu / Technical manager

List of Attachments (including a total number of pages in each attachment):

Attachment No.1: Dimensions measurement of plugs and sockets (6 pages)

Attachment No.2: Components (1 page)

Attachment No.3: Photo documentation (25 pages)

Summary of testing:

Tests performed (name of test and test clause):	**Testing location:**
The submitted samples were found to comply with the requirements of: ➢ Electrical safety IEC 60884-2-5:2017 with IEC 60884-1:2002+ AMD1:2006+AMD2:2013	Shenzhen LCS Compliance Testing Laboratory Ltd. Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

Summary of compliance with National Differences (List of countries addressed):

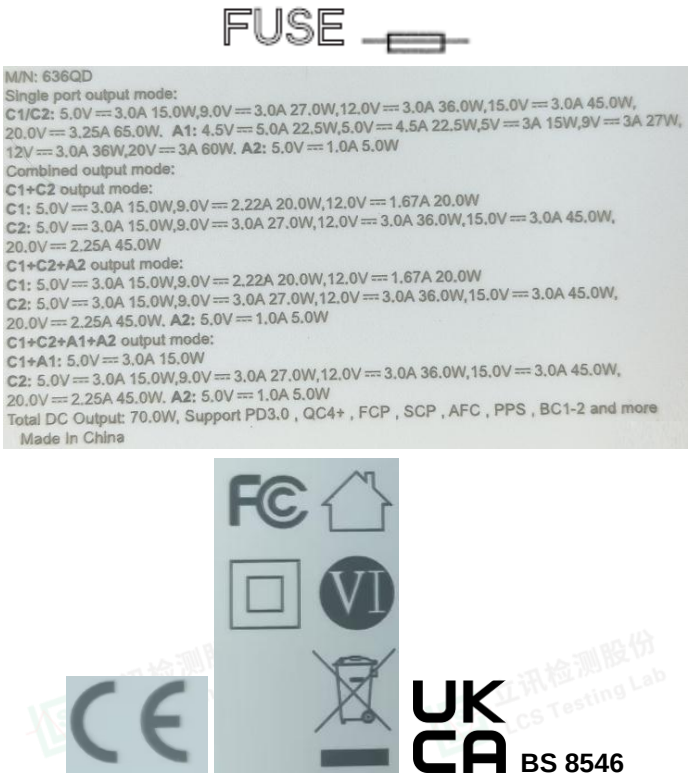
N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Copy of marking plate

The artwork below may be only a draft.

Plug pin side:



Dongguan Best Travel Electronics Co., Ltd

Side face:

MAX 10A / MAX 2500W / 100-250V~

Adapter (AC-AC) does not convert voltage.

Do not use with appliances requiring ground wire.

Indoor use only.

For use with unearthed appliances only.

USB port:

Remark:

1. Representative markings of above model: 636QD, markings of all models are identical except for model name and USB rating, details see the model list on page 5-6.
2. The height dimension of CE mark and UKCA mark should not less than 5mm, the height dimension of WEEE symbol should not less than 7mm.
3. Name and address of the Importer and Manufacturer must be affixed on the product when the product placed on the EU market.

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Test item particulars ..... :	
Classification of installation and use ..... :	Portable type
Supply Connection ..... :	Direct plug-in
..... :	
Possible test case verdicts:	
- test case does not apply to the test object .....:	N/A
- test object does meet the requirement .....:	P (Pass)
- test object does not meet the requirement .....:	F (Fail)
Testing .....:	
Date of receipt of test item .....:	2023-03-27
Date (s) of performance of tests .....:	2023-03-27 to 2023-04-21

General remarks:

"(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 ☐ comma / ☒ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :	☐ **Yes** ☒ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) .....: Same as applicant

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

General product information and other remarks:

1. The samples for each group of testing were selected randomly from the samples provided by the manufacturer.
2. This report only considers the socket portions, for dimension evaluation, only UK plug, US plug, EU plug and China socket-outlet are considered.
3. All models have the same socket-outlets structure except for the model name and USB power supply unit, details see model list and photo documentation. Unless otherwise specified, all tests are conducted on model 636QD.
4. Model list:

Model No.	Ratings
636QD	100-250V~ 10A Max. 2500W Max. Single port output mode: C1/C2: 5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 12.0V⎓3.0A 36.0W, 15.0V⎓3.0A 45.0W, 20.0V⎓3.25A 65.0W A1: 4.5V⎓5.0A 22.5W, 5.0V⎓4.5A 22.5W, 5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 12.0V⎓3.0A 36.0W, 20.0V⎓3.0A 60.0W A2: 5.0V⎓1.0A 5.0W Combined output mode: C1+C2 output mode: C1: 5.0V⎓3.0A 15.0W, 9.0V⎓2.22A 20.0W, 12.0V⎓1.67A 20.0W C2: 5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 12.0V⎓3.0A 36.0W, 15.0V⎓3.0A 45.0W, 20.0V⎓2.25A 45.0W C1+C2+A2 output mode: C1: 5.0V⎓3.0A 15.0W, 9.0V⎓2.22A 20.0W, 12.0V⎓1.67A 20.0W C2: 5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 12.0V⎓3.0A 36.0W, 15.0V⎓3.0A 45.0W, 20.0V⎓2.25A 45.0W A2: 5.0V⎓1.0A 5.0W C1+C2+A1+A2 output mode: C1+A1: 5.0V⎓3.0A 15.0W C2: 5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 12.0V⎓3.0A 36.0W, 15.0V⎓3.0A 45.0W, 20.0V⎓2.25A 45.0W A2: 5.0V⎓1.0A 5.0W Total DC Output: 70.0W, Support PD3.0, QC4+, FCP, SCP, AFC, PPS, BC1-2 and more
651FC	100-250V~ 10A Max. 2500W Max. Single USB-A1/A2/A3 Output: 5.0V⎓2.4A 12.0W Max. Single USB-C1 Output: 5.0V⎓3.0A 15.0W Max. Total Output: 5.0V⎓3.4A 17.0W Max.
651UC	100-250V~ 10A Max. 2500W Max. Single USB-A1/A2 Output: 5.0V⎓2.4A 12.0W Max. Single USB-C1/C2 Output: 5.0V⎓3.0A 15.0W Max. Total Output: 5.0V⎓4.2A 21.0W Max.
651FV	100-250V~ 10A Max. 2500W Max. Single USB-A1/A2 Output: 5.0V⎓2.4A 12.0W Max. Single USB-C1/C2/C3 Output: 5.0V⎓3.0A 15.0W Max. Total Output: 5.0V⎓5.6A 28.0W Max.

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

651DC	100-250V~ 10A Max. 2500W Max. Single port output mode: USB-A Output: 5.0V⎓2.4A 12.0W Max. USB-C1/C2 Output: 5.0V⎓3.0A 15.0W Max. USB-C3 Output: 5.0V⎓2.4A 12.0W, 9.0V⎓3.0A 27.0W, 12.0V⎓2.5A 30.0W, 15.0V⎓2.0A 30.0W, 20.0V⎓1.5A 30.0W Multi-port Output mode: USB-A Output: 5.0V⎓3.0A 15.0W Max, Per Port 2.4A Max. USB-C1/C2 Output: 5.0V⎓3.0A 15.0W Max, Per Port 3.0A Max. USB-A+USB-C1/C2+USB-C3 Output: 5.0V⎓4.0A 20.0W Max. Total DC Output: 30.0W
651DC PRO	100-250V~ 10A Max. 2500W Max. Single port output mode: USB-A Output: 5.0V⎓2.4A 12.0W Max. USB-C1/C2 Output: 5.0V⎓3.0A 15.0W Max. USB-C3 Output: 5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 15.0V⎓2.33A 35.0W, 20.0V⎓1.75A 35.0W Multi-port Output mode: USB-A Output: 5.0V⎓3.0A 15.0W Max, Per Port 2.4A Max. USB-C1/C2 Output: 5.0V⎓3.0A 15.0W Max, Per Port 3.0A Max. USB-A+USB-C1/C2+USB-C3 Output: 5.0V⎓4.0A 20.0W Max. Total DC Output: 35.0W
651DF	100-250V~ 10A Max. 2500W Max. Single port output mode: USB-A1/A2/C1/C2 Output: 5.0V⎓2.4A 12.0W USB-C3 Output: 5.0V⎓3.0A 15.0W, 9.0V⎓3.0A 27.0W, 15.0V⎓2.33A 35.0W, 20.0V⎓1.75A 35.0W Multi-port Output mode: USB-A1+A2+C1+C2 Output: 5.0V⎓3.0A 15.0W (Total), 2.4A Max. Per Port USB-C3 Output: 5.0V⎓2.4A 12.0W, 9.0V⎓2.22A 20.0W, 12.0V⎓1.67A 20.0W Total DC Output: 35.0W
637DQ	100-250V~ 10A Max. 2500W Max. USB-C Output: 5.0V⎓3.0A 15.0W, 9.0V⎓2.22A 20.0W, 12.0V⎓1.67A 20.0W USB-A Output: 5.0V⎓3.0A 15.0W, 9.0V⎓2.0A 18.0W, 12.0V⎓1.5A 18.0W USB-C+USB-A Output: 5.0V⎓3.0A 15.0W Max. Total DC Output: 20.0W

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Test item particulars ..... :	
Standard Sheet ..... :	See Attachment No.1
Rated current (A) and/or power (W) ..... :	10A Max. / 2500W Max.
Rated voltage (V) ..... :	100-250V
Degree of protection against harmful ingress of water :	ordinary / ~~splash-proof (IPX4) / jet-proof (IPX5)~~
Provision for earthing ..... :	without earthing contact / ~~with earthing contact~~
Method of connecting the cable ..... :	~~rewirable intermediate adaptor / non-rewirable intermediate adaptor~~
Type of cable ..... :	/
Nominal cross-sectional areas (mm^2) ..... :	/
Type of terminals ..... :	~~screw-type / screwless (rigid) / screwless (rigid and flexible)~~
Type of connections ..... :	soldered ~~/ welded / crimped /~~ other (Riveting)
Socket-outlets:	
Degree of protection against electric shock ..... :	normal protection / ~~increased protection~~
Existence of enclosures ..... :	~~unenclosed~~ / enclosed
Existence of shutters ..... :	~~without shutters~~ / with shutters
Method of application / mounting of the socket-outlet . :	~~surface-type / flush-type / semi-flush-type / panel type / architrave-type~~ / portable-type / ~~table-type (single / multiple) / floor recessed type / appliance type~~
Method of installation ..... :	~~design A / design B~~
Plugs:	
Class of equipment ..... :	~~0~~ / I / ~~II~~
Possible test case verdicts:	
- test case does not apply to the test object ..... :	N/A
- test object does meet the requirement ..... :	P (Pass)
- test object does not meet the requirement ..... :	F (Fail)

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
8	**MARKING**		P
8.1	Accessories marked as follows:		P
	- rated current (A) and/or power (W) .....:	See copy of marking plate	P
	- rated voltage (V) .....:	See copy of marking plate	P
	- symbol for nature of supply .....:	~	P
	- manufacturer's or responsible vendor's name .....:	See copy of marking plate	P
	- type reference .....:	See copy of marking plate	P
	- degree of protection (first characteristic numeral) if higher than 2.....:	IP2X	N/A
	- degree of protection (second characteristic numeral) if higher than 0.....:	IPX0	N/A
	- degree of protection (first characteristic numeral) higher than 4 for fixed socket outlet in which case the second characteristic numeral shall also be marked ..... :		N/A
	- degree of protection (second characteristic numeral) higher than 2 for fixed socket outlet in which case the first characteristic numeral shall also be marked..... :		N/A
	Socket-outlets with screwless terminals marked with the following:		N/A
	- the length of insulation to be removed .....:		N/A
	- an indication of the suitability to accept rigid conductors only (if any) .....:		N/A
	The marking for the rated power, if any, shall be completed by the word MAX.	See copy of marking plate	P
	The rated power and/or rated current marking shall be easily discernible until the last plug is connected.		P
	Fused adaptors shall be marked to indicate the presence of a fuse within the adaptor and this marking may be in the form of a symbol ()		P
	Fused adaptors shall be marked with the rated current and type of fuse on the fuse-holder or in the proximity of the fuse.		P
	An instruction, which may be a symbol or a sentence, warning against inserting an adaptor into another adaptor shall be provided by the manufacturer:		P
	– on the adaptor, or		P
	– on the smallest package unit, or		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	– on the instruction sheet accompanying the adaptor.		P
8.2	Symbols used: as required in the standard		P
	Marking for the nature of supply placed next to the marking for rated current and rated voltage		P
8.3	Marking of fixed socket-outlets placed on the main part:		N/A
	- rated current, rated voltage and nature of supply		N/A
	- identification mark of the manufacturer or of the responsible vendor		N/A
	- length of insulation to be removed, if any		N/A
	- indication of the suitability to accept rigid conductors only for screwless terminals for those socket-outlets having this restriction		N/A
	- type reference		N/A
	Cover plates necessary for safety purposes and intended to be sold separately: marked with the manufacturer's or responsible vendor's name and type reference		N/A
	IP code, if applicable: marked so as to be easily discernible		N/A
	Fixed socket-outlets classified according to item b) of 7.2.5: identified by a triangle visible after installation unless they have an interface configuration different from that used in normal circuits .....:		N/A
8.4	Plugs and portable socket-outlets: marking specified in 8.1, other than the type reference, easily discernible		P
	Plugs and portable socket-outlets for equipment of class II not marked with the symbol for class II construction		N/A
8.5	Neutral terminals: N .....:		N/A
	Earthing terminals: [earth symbol] .....:		N/A
	Markings not placed on screws or other easily removable parts		N/A
	Terminals for conductors not forming part of the main function of the socket-outlet:		N/A
	- clearly identified unless their purpose is self-evident, or		N/A
	- indicated in a wiring diagram fixed to the accessory		N/A
	Identification of such terminals may be achieved by:		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	- their being marked with graphical symbols according to IEC 60417-2 or colours and/or alphanumeric system, or		N/A
	- their being marked with their physical dimensions or relative location		N/A
8.6	Surface-type mounting boxes forming an integral part of socket-outlets having an IP code higher than IP4X, or higher than IPX2, the IP code marked on the outside of its associated enclosure so as to be easily discernible		N/A
8.7	Indication of which position or with which special provision the declared IP of flush-type and semi-flush-type fixed socket-outlets having IP>X0 is ensured		N/A
8.8	Marking durable and clearly legible with normal or corrected vision, without additional magnification. Test: 15 s with water and 15 s with petroleum spirit		P
9	**CHECKING OF DIMENSIONS**		P
9.1	Accessories and surface-type mounting boxes comply with the appropriate standard sheets and corresponding gauges, if any		P
	Insertion of plugs into fixed or portable socket-outlets ensured by their compliance with the relevant standard sheets		P
	Compliance checked by measurement and by means of gauges with manufacturing tolerances as shown in table 2		P
9.2	It is not possible to engage a plug with:		P
	- a socket-outlet having a higher voltage rating or a lower current rating;		P
	- a socket-outlet with a different number of live poles (exception admitted provided that no dangerous situation can arise);		P
	- a socket-outlet with earthing contact, if the existing plug of the present national system is a plug for class 0 equipment;		P
	Engagement of an existing plugs on the present national system for equipment of class 0 or of class I with a socket-outlet exclusively designed to accept plugs for class II equipment		P
	Impossibility of insertion checked by applying a gauge, for 1 min, with a force of:		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	- 150 N (rated current ≤ 16A);		P
	- 250 N (rated current > 16A)		N/A
	Accessories with elastomeric or thermoplastic material: test carried out at (35 ± 2) °C		P
9.3	Deviations from standard sheets made only if they provide technical advantage and do not affect the purpose and safety of accessories complying with standard sheet		N/A
10	**PROTECTION AGAINST ELECTRIC SHOCK**		P
10.1	Live parts not accessible, even after removal of parts which can be removed without the use of a tool for:		P
	Fixed socket-outlets		N/A
	The adaptors when the plug part of an adaptor is in partial or complete engagement with a socket-outlet		P
	Test with test probe B of IEC 61032		P
	Accessories with elastomeric or thermoplastic material: additional test carried out at (35 ± 2) °C with test probe 11 of IEC 61032 (75 N for 1 min)		P
	During the test: accessories not deform and no live parts accessible		P
	Plugs and portable socket-outlets pressed with a force of 150 N for 5 min as shown in figure 8: specimens not show deformation		P
10.2	Accessible parts (with exception of small screws and the like for fixing main parts and covers or cover plates): made of insulating material		P
	Cover or cover plates of fixed socket-outlets and accessible parts of portable socket-outlets: made of metal if the requirements of 10.2.1 or 10.2.2 are fulfilled		N/A
10.2.1	Accessible metal parts or accessible metal parts protected by supplementary insulation made by insulating linings or insulating barriers		N/A
	Insulating linings or insulating barriers cannot be removed without being permanently damaged		N/A
	Insulating linings or insulating barriers cannot be replaced in an incorrect position and, if they are omitted, accessories are rendered inoperable or manifestly incomplete		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	There is no risk of accidental contact between live parts and metal covers or cover plates		N/A
10.2.2	Accessible metal parts are reliably connected, through a low-resistance connection, to the earth during fixing		N/A
10.3	Contact between a pin of a plug and a live socket-contact of an adaptor or between a pin of an adaptor and a live socket contact of a socket-outlet not possible whilst any other current-carrying pin is accessible		P
	Compliance checked by manual test and by means of gauges with tolerances as specified in table 2		P
	Accessories with elastomeric or thermoplastic material: test carried out at (35 ± 2) °C		P
	Socket-outlets with enclosure or bodies of rubber or polyvinyl chloride: test carried out with a force of 75 N for 1 min		P
	Fixed socket-outlets provided with metal covers or cover plates: clearance of at least 2 mm required between a pin and a socket-contact when another pin(s) is(are) in contact with the metal covers or cover plates (mm) .....:		N/A
10.4	External parts of plugs made of insulating material fulfilling the requirements of 10.2.1 or 10.2.2 of IEC 60884-1:2002, IEC 60884-1:2002/AMD1:2006 and IEC 60884-1:2002/AMD2:2013		N/A
	Overall dimensions of rings around pins not exceed 8 mm concentric with respect to the pin		N/A
10.5	Shuttered socket-outlet parts of adaptors: live parts not accessible, without a plug in engagement, with the gauges shown in figure 9 and 10		P
	Live contacts automatically screened when the plug is withdrawn		P
	Shutters so designed that a plug is inserted with the same movement in a socket outlet with shutters as in a socket-outlet without shutters		P
	Means cannot easily be operated by anything other than a plug and not depend upon parts which are liable to be lost		P
	Gauge of figure 9, applied to the entry holes corresponding to live contacts with a force of 20 N, for approximately 5 s, successively in three directions, does not touch live parts		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Steel gauge of figure 10, applied to the entry holes corresponding to live contacts with a force of 1 N for approximately 5 s, in three directions, does not touch live parts		P
	Accessories with elastomeric or thermoplastic material: test carried out at (35 ± 2) °C		P
10.6	Earthing contacts of a socket-outlet designed that they cannot be deformed by the insertion of a plug		N/A
	Test plug inserted into the socket-outlet with a force of 150 N for 1 min		N/A
	After this test: socket-outlet still comply with the requirements of clause 9		N/A
10.7	Socket-outlet with or without lid with increased protection: live parts not accessible		N/A
	Test wire of 1 mm diameter (figure 10) applied with a force of 1 N on all accessible surfaces does not touch live parts		N/A
	Accessories with elastomeric or thermoplastic material: test carried out at (35 ± 2) °C		N/A
	Socket-outlet tested without a plug inserted with the lid, if any, open		N/A
10.101	Removal of the fuse and/or fuse carrier shall not result in live parts becoming accessible when the adaptor is in full engagement with a socket-outlet		P
	Compliance is checked by inspection and, in case of doubt		P
	Applying test probe 13 according to IEC 61032 with a force not exceeding 5 N		P
	The test probe shall not touch live parts		P
11	**PROVISION FOR EARTHING**		N/A
11.1	Earth connection made before the current-carrying contacts of the plug become live		N/A
	Current-carrying pins are separated before the earth connection is broken		N/A
11.2	Earthing terminals of rewirable accessories comply with clause 12		N/A
	Earthing terminals of the same size as the corresponding terminals for the supply conductors		N/A
	Earthing terminals of rewirable accessories: internal		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Earthing terminals of fixed socket-outlets: fixed to the base or to a part reliably fixed to the base		N/A
	Earthing contacts of fixed socket-outlets:		N/A
	- fixed to the base, or		N/A
	- fixed to the cover (reliably connected to the earthing terminals; contact pieces silver plated or with adequate protection)		N/A
	Parts of earthing circuit in one piece or reliably connected by riveting, welding, or the like		N/A
11.3	Accessible metal parts of fixed socket-outlets: permanently and reliably connected to the earthing terminal		N/A
11.4	Socket-outlets, having an IP>X0, with enclosure of insulating material and more than one cable inlet, provided with:		N/A
	- an internal fixed earthing terminal, or		N/A
	- adequate space for a floating terminal (test connection using the type of terminal specified by the manufacturer), unless		N/A
	- earthing terminal of socket-outlet itself allows the connection of an incoming and an outgoing earthing conductor		N/A
11.5	Connection between earthing terminal and accessible metal parts: of low resistance		N/A
	Test current equal to 1.5 times the rated current or 25 A (A) ..... :		—
	Resistance not exceed 0.05 Ω (Ω) ..... :		N/A
11.6	Fixed socket-outlets according to item b) of 7.2.5: earthing socket contact and its terminal electrically separated from any metal mounting means or other exposed conductive parts which may be connected to the protective earthing circuit of the installation		N/A
12	**TERMINALS AND TERMINATIONS**		P
	All the test on terminals, with the exception of the tests of 12.3 11 and 12.3.12, made after the test of clause 16		P
12.1	General		P
12.1.1	Rewirable fixed socket-outlets provided with screw-type terminals or with screwless terminals ....:		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Adaptors with a cable outlet and rewirable intermediate adaptors shall be provided with terminals with screw clamping……..:		N/A
	Pre-soldered flexible conductors used: pre-soldered area outside the clamp area of screw-type terminals		N/A
	Clamping means of terminals: not serve to fix any other components		N/A
12.1.2	Non-rewirable accessories provided with soldered, welded, crimped or equally effective permanent connections (termination) ..... :		P
	Screwed or Snap-On connections not used		P
	Connections made by crimping a pre-soldered flexible conductor not permitted		P
12.2	Terminals with screw clamping for external copper conductors		N/A
12.2.1	Accessories provided with terminals which allows the proper connection of copper conductors as shows in table 3		N/A
	Rated current (A); Type of accessories ..... :		—
	Type of conductor (rigid / flexible) ..... :		—
	Smallest / largest cross-sectional area (mm^2) ..... :		—
	Diameter of the largest conductor (mm) ..... :		—
	Figure of terminal ..... :		—
	Minimum diameter D (minimum dimensions) of conductor space: required (mm); measured (mm) :		N/A
12.2.2	Terminals allow the conductor to be connected without special preparation		N/A
12.2.3	Terminals have adequate mechanical strength		N/A
	Screws and nut for clamping the conductors have metric ISO thread or a comparable thread		N/A
	Screws not of soft metal such as zinc or aluminium		N/A
12.2.4	Terminals resistant to corrosion		N/A
12.2.5	Terminals clamp the conductor(s) without undue damage	See appended table 12.2.5	N/A
	During the test: conductor not slip out, no break near clamping unit and no damage		N/A
12.2.6	Terminals clamp the conductor reliably between metal surfaces	See appended table 12.2.6	N/A
	During the test: conductor not move noticeably		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
12.2.7	Terminals designed or placed that the conductor cannot slip out while the clamping screws or nuts are tightened	See appended table 12.2.7	N/A
	After the test: no wire of the conductor escaped from the clamping unit		N/A
12.2.8	Terminals not work loose from their fixing to accessories		N/A
	Torque test (screws and nuts tightened and loosened 5 times):		N/A
	- rated current (A) ..... :		—
	- copper conductor of the largest cross-sectional area (mm²) (table 3) ..... :		—
	- type of conductor (solid or stranded) ..... :		—
	- torque (Nm) (table 6 or appropriate figures 2, 3 or 4) ..... :		—
	During the test: terminals not work loose and show no damage		N/A
12.2.9	Clamping screws or nuts of earthing terminals: adequately locked against accidental loosening, not possible to loosen them without the aid of a tool		N/A
12.2.10	Earthing terminals: no risk of corrosion		N/A
	Body of brass or other metal no less resistant to corrosion		N/A
	The body is a part of a frame or enclosure of aluminium alloy: precautions are taken to avoid the risk of corrosion		N/A
12.2.11	Pillar terminals: distance *g* no less than the value specified in figure 2: required (mm); measured (mm) ..... :		N/A
	Mantle terminals: distance *g* no less than the value specified in figure 5: required (mm); measured (mm) ..... :		N/A
12.3	Screwless terminals for external copper conductors		N/A
12.3.1	Screwless terminals of the type suitable for:		N/A
	- for rigid copper conductors only, or		N/A
	- for both rigid and flexible copper conductors (tests carried out with rigid and then repeated with flexible conductors)		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
12.3.2	Screwless terminals provided with two clamping units each allowing the proper connection of rigid or of rigid and flexible conductors having nominal cross-sectional areas from 1,5 up to 2,5 mm^2 (table 7)		N/A
	Two conductors to be connected: each conductor introduced in a separate clamping unit		N/A
12.3.3	Screwless terminals allow the conductor to be connected without special preparation		N/A
12.3.4	Parts of screwless terminals intended for carrying current of materials as specified in 26.5		N/A
12.3.5	Screwless terminals clamp specified conductors with sufficient contact pressure without undue damage to the conductor		N/A
	Conductor clamped between metal surfaces		N/A
12.3.6	It is clear how the connection and disconnection of the conductors is to be made		N/A
	Disconnection of a conductor require an operation, other than a pull, so that can be made manually with or without a general-purpose tool		N/A
	It is not possible to confuse the opening intended for the use of a tool with the opening intended for the conductor		N/A
12.3.7	Screwless terminals intended for the interconnection of two or more conductors:		N/A
	- the clamping of one of the conductors is independent of the clamping of the other conductor(s)		N/A
	- during the connection or disconnection the conductors can be connected or disconnected either at the same time or separately		N/A
	- each conductor introduced in a separate clamping unit.		N/A
	- it is possible to clamp securely any number of conductors up to the maximum as designed. Number of conductors; Nominal cross-sectional area (mm^2) ..... :		N/A
12.3.8	Screwless terminals of fixed socket-outlets: adequate insertion obvious and over-insertion prevented		N/A
12.3.9	Screwless terminals properly fixed to the socket-outlets		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Not work loose when conductors are connected or disconnected		N/A
	Self-hardening resins used to fix terminals not subject to mechanical stress		N/A
12.3.10	Screwless terminals withstand mechanical stresses occurring in normal use	See appended table 12.3.10	N/A
	During application of the pull conductor not come out of the terminal		N/A
	Additional test with apparatus shown in figure 11	See appended table 12.3.10	N/A
	During the test: conductors not moved noticeably in the clamping unit		N/A
	After these tests: neither terminals nor clamping means have worked loose and conductors show no deterioration		N/A
12.3.11	Screwless terminals withstand electrical and thermal stresses occurring in normal use	See appended table 12.3.11	N/A
	After the test: inspection show no changes		N/A
	Repetition of mechanical strength test according to 12.3.10	See appended table 12.3.11	N/A
	During application of the pull conductor not come out of the terminal		N/A
	Additional test with apparatus shown in figure 11	See appended table 12.3.11	N/A
	During the test: conductors not moved noticeably in the clamping unit		N/A
	After these tests: neither terminals nor clamping means have worked loose and conductors show no deterioration		N/A
12.3.12	Screwless terminals: connected rigid solid conductor remains clamped, even when deflected during normal installation	See appended table 12.3.12	N/A
13	**CONSTRUCTION OF FIXED SOCKET-OUTLETS**		N/A
13.1	Socket-contact assembly have sufficient resilience to ensure adequate contact pressure on plug pins		N/A
	Part of socket-contact assembly ensure metallic opposing contacts at least on two sides of each pins		N/A
13.2	Socket-contact and pin(s) of socket-outlet which are made of copper or copper alloy, as specified in 26.5, are considered as complying with this requirement		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	The pin(s) of socket-outlets so constructed in such a way that the mechanical strength of the pin(s) does not depend on the plastic material		N/A
	Compliance is checked by inspection and in case of doubt by the tests of 14.2 and Clause 21 on a new set of specimens without plastic		N/A
13.3	Insulating linings, barriers and the like: adequate mechanical strength		N/A
13.4	Socket-outlets constructed as to permit		N/A
	- easy introduction into the terminal and reliable connection of the conductors in the terminals, except for lead wires of pilot lights		N/A
	- easy fixing of the main part to a wall or in a mounting box		N/A
	- correct positioning of the conductors		N/A
	- adequate space between the underside of the main part and the surface on which the main part is mounted;		N/A
	- adequate space between the sides of the main part and the enclosure (cover or box);		N/A
	Socket-outlets having screwless terminals, constructed that the connecting and/or disconnecting means of the screwless terminals cannot be activated by the conductors during and after installation		N/A
	Compliance is checked by inspection and in case of doubt by the following test		N/A
	The test is carried out with a solid copper conductor having the smallest cross-sectional area, as specified in 12.3.2. (mm^2).....:		N/A
	If it is not possible to exert a force onto the connecting/disconnecting device, the product is deemed to comply with the requirements without further tests.		N/A
	During the application of the pull, the conductor do not come out of the screwless terminal		N/A
	In addition socket-outlets classified as design A: permit easy positioning and removal of the cover or cover plate, without displacing the conductors or activating the connecting and/or disconnecting means of screwless terminals.		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Compliance is checked by inspection and by an installation test with conductors of the largest nominal cross-sectional area specified in Table 3 (mm^2)…..:		N/A
13.5	Socket-outlets designed that full engagement of associated plugs is not prevented by any projection from their engagement face		N/A
	Gap between the engagement face of the socket-outlet and the plug: not exceed 1 mm		N/A
13.6	Covers provided with bushings for the entry holes for the pins: not possible to remove them from the outside or for them to become detached inadvertently from the inside when the cover is removed		N/A
13.7	Covers, cover-plates or parts of them intended to ensure protection against electric shock:		N/A
	- held in place at two or more points by effective fixings		N/A
	- fixed by means of a single fixing, for example, by a screw, provided that they are located by another means (for example, by a shoulder)		N/A
	Fixings of covers or cover-plates of socket-outlets of design A serve to fix the main parts: there are means to maintain the base in position, even after removal of the covers or cover-plates		N/A
13.7.1	Covers or cover-plates whose fixings are of the screw-type:		N/A
	Compliance checked by inspection only		N/A
13.7.2	Covers or cover-plates whose fixing is not dependent on screws and whose removal is obtained by applying a force in a direction approximately perpendicular to the mounting/supporting surface:		--
	Compliance checked, when their removal may give access, with the standard test finger:		--
	to live parts: by the test of 24.14 (verification of the non-removal and the removal)		N/A
	to non-earthed metal parts separated from live parts in such a way that creepage distances and clearances have the values shown in table 23: by the test of 24.15 (verification of the non-removal and the removal)		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	only to parts of insulating material, or earthed metal parts, or metal parts separated from live parts in such a way that creepage distances and clearances have twice the values shown in table 23, or live parts of SEL V circuits not greater than 25 V a.c.: by the test of 24.16 (verification of the non-removal and the removal)		N/A
13.7.3	Covers or cover-plates the fixing of which is not dependent on screws and whose removal is obtained by using a tool, in accordance with the manufacturer's instructions given in an instruction sheet or in other documentation:		N/A
	Compliance checked, when their removal may give access, with the standard test finger:		N/A
	to live parts: by the test of 24.14 (verification of the non-removal only)		N/A
	to non-earthed metal parts separated from live parts in such a way that creepage distances and clearances have the values shown in table 23: by the test of 24.15 (verification of the non-removal only)		N/A
	only to parts of insulating material, or earthed metal parts, or metal parts separated from live parts in such a way that creepage distances and clearances have twice the values shown in table 23, or live parts of SEL V circuits not greater than 25 V a.c.: by the test of 24.16 (verification of the non-removal only)		N/A
13.8	Cover-plate intended for a socket-outlet with earthing contact: not interchangeable with a cover-plate intended for a socket-outlet without earthing contact		N/A
13.9	Surface-type socket-outlets: no free openings in their enclosures		N/A
13.10	Screws or other means for mounting the socket-outlet on a surface in a box or enclosure: easily accessible from the front		N/A
	Fixing means not serve any other fixing purpose		N/A
13.11	Multiple socket-outlets with a common base: provided with fixed links for the interconnection of the contacts in parallel		N/A
	Fixing of the links independent from the connection of the supply wires		N/A
13.12	Multiple socket-outlets, comprising separate bases: correct position of each base ensured		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Fixing of each base independent of the fixing of the combination to the mounting surface		N/A
13.13	Mounting plate of surface-type socket-outlets: adequate mechanical strength		N/A
13.14	Socket-outlets withstand the lateral strain imposed by equipment likely to be introduced into them		N/A
	Socket-outlets 16A 250V: test made 4 times with the socket-outlet turned through 90°, 5 N for 1 min (device shown in fig. 13)		N/A
	During the test: device not become disengaged from the socket-outlet		N/A
	After the test:		N/A
	- no damage		N/A
	- socket-outlets comply with clause 22		N/A
13.15	Socket-outlets are not an integral part of lampholders		N/A
13.16	Surface-type socket-outlets having IP>20 are according to their IP classification when fitted with conduits or with sheathed cables and without a plug in engagement		N/A
	Surface-type socket-outlets having IPX4 and IPX6 have provision for opening a drain hole		N/A
	Socket-outlets with a drain hole: drain hole is not less than 5 mm in diameter, or 20 mm^2 in area with a width and a length of not less than 3 mm .....:		N/A
	Drain hole: effective		N/A
	Lid springs (if any): of corrosion-resistant material (bronze or stainless steel) .....:		N/A
13.17	Earthing pins: adequate mechanical strength		N/A
	Not solid pins: compliance checked by inspection and by the test of 14.2 made after the tests of clause 21		N/A
13.18	Earthing contacts, phase contacts and neutral contacts :		N/A
	- locked against rotation;		N/A
	- when the product is ready for the wiring do not possible to be removed without the use of a tool		N/A
13.19	Metal strips of the earthing circuit: no burrs which might damage the insulation of the supply conductors		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
13.20	Socket-outlets to be installed in a box: designed that the conductor ends can be prepared after the box is mounted in position, but before the socket-outlet is fitted in the box		N/A
13.21	Inlet openings: allow the introduction of the conduit or the sheath of the cable		N/A
	Surface-type socket-outlets:		N/A
	the conduit or sheath of the cable can enter at least I mm into the enclosure		N/A
	inlet opening for conduit entries, or at least two of them if there are more than one, capable of accepting conduit sizes of 16, 20, 25 or 32 according to IEC 60423 or a combination of at least two of any of these sizes		N/A
	inlet opening for cable entries capable of accepting cables having the dimensions specified in table 14 or be as specified by the manufacturer: rated current (A); Limits of external dimensions of cable min/max (mm) .....:		N/A
13.22	Membranes (grommets) in inlet openings: reliably fixed and not displaced by the mechanical and thermal stresses occurring in normal use		N/A
	Test on membranes subjected to the ageing treatment specified in 16.1 and assembled in the accessories		N/A
	Accessories placed at (40 ± 2) °C for 2 h. Force of 30 N applied for 5 s by test probe 11 of IEC 61032. During the test: no deformation		N/A
	Membranes likely to be subjected to an axial pull: axial pull of 30 N applied for 5 s. During the test: membranes not become detached		N/A
	After the test: no harmful deformation, cracks or similar damage		N/A
	Test repeated with membranes not subjected to any treatment		N/A
13.23	Membranes in inlet openings: introduction of the cables into the accessory permitted when the ambient temperature is low		N/A
	Test on membranes not subjected to the ageing treatment specified in 16.1 and assembled in the accessories		N/A
	Accessories kept at (-15 ± 2) °C for 2 h: possibility to introduce cables of the largest diameter through membranes		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	After the test: no harmful deformation, cracks or similar damage		N/A
14	**CONSTRUCTION OF ADAPTORS**		P
14.1	Adaptors shall be constructed in such a way that		P
	They cannot be opened by hand or by using a general purpose tool, for example a screwdriver used as such, without making it permanently useless		P
	Exception is made for adaptors with a cable outlet and rewirable intermediate adaptors shall be constructed in such a way that		P
	They can be opened using a general purpose tool, for example a screwdriver used as such		P
14.2	Pins of adaptors: adequate mechanical strength		P
	Test for pins not solid (made after clause 21): force of 100 N exerted on the pin, according to figure 14, for 1 min by means of a steel rod Ø 4.8 mm		N/A
	During the application of the force: reduction of the dimension of the pin not exceed 0.15 mm		N/A
	After removal of the rod: dimensions of the pin not changed by more than 0.06 mm		N/A
14.3	Pins of adaptors:		P
	- locked against rotation, except where rotation is not likely to impair safety or function;		P
	- impossible to remove without dismantling the adaptor;		P
	- adequately fixed in the body of the plug		P
	Earthing or neutral pins or contacts of plugs: not possible to arrange in an incorrect position		N/A
	The pin(s) of portable accessories constructed in such a way that the mechanical strength of the pin(s) does not depend on the plastic material		P
	Compliance is checked by inspection and in case of doubt by the tests of 14.2 and Clause 21 on a new set of specimens without plastic		P
	Surfaces of plug pin(s) smooth and free from burrs or sharp edges and other irregularities which could cause damage or excessive wear to corresponding socket contacts or shutters		P
14.4	Earthing contacts, phase contacts and neutral contacts of adaptors:		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	- locked against rotation		N/A
	- removable only with the aid of a tool, after dismantling the adaptor		N/A
	In addition, for single portable socket-outlets compliance is checked by the test of 24.2		N/A
14.5	Socket-contact assemblies: sufficient resilience		P
	Parts of socket-contact assemblies:		P
	- are not of insulating material except ceramic, or other material with no less suitable characteristics		P
	- ensure metallic contacts at least on two opposing sides of each pin		P
	Contact pressure of the contact tube does not depend on soldered connection only		P
14.6	Pins and socket-contacts: resistant to corrosion and abrasion		P
	Socket contacts and pin(s) of socket-outlets, which are made of copper or copper alloy, as specified in 26.5, are considered as complying with this requirement.		P
14.7	Enclosures of rewirable portable accessories: completely enclose terminals and ends of flexible cable		N/A
	Construction is unlikely that:		N/A
	- cores not pressed against each other causing damage		N/A
	- cores of live conductor not pressed against accessible metal parts		N/A
	- core of earthing conductor not pressed against live parts		N/A
14.8	Rewirable portable accessories: terminal screws or nuts cannot become loose and fall out of position and establish an electrical connection between live parts and earthing terminal or metal parts		N/A
14.9	Rewirable portable accessories with earthing contact: ample space for slack of earthing (test)		N/A
	Non-rewirable non-moulded-on accessories with earthing contact: current-carrying conductors stressed before the earthing conductor if the flexible cable slips in its anchorage		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
14.10	Terminals of rewirable portable accessories and terminations of non-rewirable portable accessories: located and shielded that loose wires not present a risk of electric shock		N/A
	Non-rewirable moulded-on portable accessories: provided with means to prevent loose wires of a conductor from reducing the minimum isolation distance requirements		N/A
14.10.1	Rewirable accessories: test with 6 mm free wire		N/A
	free wire of a conductor connected to a live terminal not touch any accessible metal part or able to emerge from the enclosure		N/A
	free wire of a conductor connected to an earthing terminal not touch a live part		N/A
14.10.2	Non-rewirable, non-moulded-on accessories: test with a free wire of length equivalent to the maximum designed stripping length declared by the manufacturer plus 2 mm		N/A
	free wire of a conductor connected to a live termination not touch any accessible metal part or reduce creepage distance and clearance below 1.5 mm to the external surface		N/A
	free wire of a conductor connected to an earth termination not touch any live part		N/A
14.10.3	Non-rewirable, moulded-on accessories:		N/A
	Verification of means to prevent stray wires reducing the minimum distance through insulation to external accessible surface below 1.5 mm		N/A
14.11	For adaptors with a cable outlet and rewirable intermediate adaptors:		N/A
	- clear how relief from strain and prevention of twisting is intended to be effected		N/A
	- cord anchorage, or at least part of it, integral with or securely fixed to one of the component parts of the plug or portable socket-outlet		N/A
	- makeshift methods not used		N/A
	- cord anchorage suitable for the different types of flexible cable which may be connected to it; screws, if any: not serve to fix any other component		N/A
	- cord anchorages: of insulating material or provided with an insulating lining fixed to the metal parts		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	- metal parts of cord anchorages, including clamping screws: insulated from the earthing circuit		N/A
14.12	Rewirable portable accessories and non-rewirable non-moulded on portable accessories: it is not possible to remove covers, cover-plates or parts of them intended to ensure protection against electric shock without the use of a tool		N/A
14.13	Covers of adaptors: bushings for entry holes for the pins not removable from the outside or detachable inadvertently from the inside		N/A
14.14	Screws intended to allow access to interior of the accessory: captive		N/A
14.15	Engagement face of the plug part of adaptors: no projections		P
14.16	Full engagement of associated plugs not prevented by any projection from the engagement face of the socket-outlet parts of adaptors		P
14.17	Portable accessories of IP>20: enclosed according to their IP classification		N/A
	Plugs having IP>20: adequately enclosed with the exception of the engagement face		N/A
	Portable socket-outlets having IP>20: adequately enclosed without a plug in engagement		N/A
	Lid springs (if any): of corrosion-resistant material (bronze or stainless steel) .....:		N/A
14.18	Portable socket-outlets: means for suspension from a wall or other mounting surfaces not allow access to live parts		N/A
	No free openings between space intended for suspension means by which the socket-outlet is fixed to the wall, or other mounting surface and live parts		N/A
14.19	Combinations of portable accessories and switches, circuit-breakers or other devices comply with relevant individual IEC standards, if relevant combined product standard does not exist .....:		N/A
14.20	Portable accessories: not integral part of lampholders		P
14.21	Plugs for equipment of class II:		N/A
	- rewirable or non-rewirable		N/A
	- if part of a cord set: provided with a connector for equipment of class II		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	- if part of a cord extension set: provided with a portable socket-outlet for equipment of class II		N/A
14.22	Components (switches and fuses) incorporated in accessories: comply with the relevant IEC standard as far as it applies (See clause 13.4 of BS 8546)		N/A
	Components incorporated in portable accessories so rated, or so protected, that overloading of either the component or the plug or the socket-outlet portion cannot occur in normal use		N/A
	Requirements for switches incorporated in portable accessories are detailed in Annex D		N/A
	For portable socket-outlets and rewirable plugs the incorporated overcurrent protective device in the accessory shall have a rated current equal to or less than the rated current of the accessory		N/A
	Any other component(s), such as switches or control devices, have a rated current not less than (rated current referred to resistive load):		N/A
	- the rated current of the accessory or		N/A
	- the rated current of the incorporated overcurrent protective device, if any		N/A
	For non-rewirable plugs, any other incorporated component(s), such as switches or control devices, have a rated current not less than:		N/A
	- the test current for the combination of the accessory and the cable as indicated in Table 20, for Clause 21, or		N/A
	- the rated current of the incorporated overcurrent protective device, if any		N/A
	Any incorporated component(s) have a rated voltage not less than the rated voltage of the accessory		N/A
	Compliance is checked by inspection and, if necessary, by testing the component according to the relevant IEC standard		N/A
14.23	Adaptors shall not impose undue strain on fixed socket-outlets		P
	The adaptor is inserted into a fixed socket-outlet complying with Part 1		P
	Each socket-outlet part is first fitted with a relevant plug completed with 1 m of 0.75 mm^2 circular flexible cable of 60227 IEC 53 type		P
	The number of conductors shall be the same as that of the poles of the relevant plug		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	The socket-outlet is pivoted about a horizontal axis through the axis of the live socket contacts at a distance of 8 mm behind the engagement face of the socket-outlet and parallel to this engagement face.		P
	The additional torque which has to be applied to the socket-outlet in order to maintain the engagement face in the vertical plane shall not exceed 0.25 Nm	Max. 0.06Nm	P
	During the test, care shall be taken that the flexible cable(s) hang(s) freely		P
14.23.101	Adaptors withstand lateral strain imposed by equipment likely to be introduced into them		P
	Test made 4 times with the adaptor turned through 90°, 5 N for 1 min (device shown in fig. 13); test repeated for each socket-outlet portion of the adaptor		P
	During the test: device not come out		P
	After the test:		P
	- no damage		P
	- adaptor complies with clause 22		P
14.24	Adaptors: can easily withdrawn by hand from the relevant socket-outlet		P
	Gripping surfaces so designed that the adaptor can be withdrawn without having to pull on the flexible cable, if any		N/A
14.25	-		N/A
14.101	Plug portion of adaptors provided with earthing pins or contacts if any one of the socket-outlet portions is provided with an earthing pin or contact		N/A
14.102	Adaptors for use in polarized socket-outlets: internal connection ensure that plug pins, socket-contacts and terminals, if any, maintain the same polarity at the input and output portions of the adaptor		P
14.103	Cable considered as a bare conductor if the insulation is not equivalent to the IEC standard and it does not comply with the electric strength test according to 17.2		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
14.104	Provision made within the body of a fused adaptor for fuse-link complying with IEC 60269 as far as it reasonably applies		P
	Fuse-link mounted between contacts fitted between an adaptor plug pin and the corresponding socket-contact(s)		P
	Adaptors for use in polarized system: fuse mounted between the line plug pin and the corresponding line socket-contact(s)		P
	Fuse links not fitted in the earthing circuit		P
	Fuse-link cannot be left in inadequate contact when the adaptor is assembled		P
14.105	Adaptors having a plug part standardized with a rated current of 2.5 A shall be provided with an overcurrent protective device rated 2.5 A or less		N/A
14.106	Adaptors shall not have an enclosure that is shaped or decorated like a toy		P
14.107	Adaptors shall not have any socket-outlet part which permits the insertion of a plug with a higher current rating than the rated current of the plug part of the adaptor, unless:		P
	The adaptor is provided with an overcurrent protective device rated less than or equal to the rated current of the plug part.		N/A
15	**INTERLOCKED SOCKET-OUTLET PARTS OF ADAPTORS**		N/A
	Socket-outlet portions of adaptors interlocked with a switch:		N/A
	plug cannot be inserted into or completely withdrawn from the socket-outlet while the socket-contacts are live		N/A
	socket-contacts cannot be made live until a plug is almost completely in engagement		N/A
16	**RESISTANCE TO AGEING, PROTECTION PROVIDED BY ENCLOSURES, AND RESISTANCE TO HUMIDITY**		P
16.1	Resistance to ageing		P
	Accessories are resistant to ageing		P
	For accessories having a lid, the lid is closed during the test		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Adaptors: the plug of the same system having the same rated current as the socket-outlet inserted into the socket-outlet during the test		P
	Accessories subjected to a test in a heating cabinet at (70 ± 2) °C for seven days (168 h)		P
	After the tests, the specimens show:		P
	- no crack visible with normal or corrected vision without additional magnification		P
	- no sticky or greasy material		P
	- no trace of cloth (forefinger pressed with 5 N)		P
	- no damage		P
	Adaptors: contact pressure of the contact assembly checked as specified in subclause 22.2 with the single-pin gauge		P
16.2	Protection provided by enclosures		P
	Enclosures provide a degree of protection in accordance with the IP designation of the accessory		P
16.2.1	Protection against access to hazardous parts and against harmful effects due to ingress of solid foreign objects		P
	Accessories and their enclosures provide a degree of protection against access to hazardous parts and against harmful effects due to ingress of solid foreign objects		P*
	Fixed socket-outlets: mounted as in normal use on a vertical surface		N/A
	Flush-type and semi-flush type socket-outlets: mounted in an appropriate box according to the manufacturer's instructions		N/A
	Accessories with screwed glands or membranes fitted with flexible cables within the range specified in table 3:		N/A
	- largest cross-sectional area (mm^2); type of cable (table 17) .....:		—
	- smallest cross-sectional area (mm^2); type of cable (table 17) .....:		—
	Glands tightened with a torque equal to 2/3 of the torque applied during the test of 24.6 (Nm) .....:		—
	Screws of the enclosure tightened with a torque equal to 2/3 of the torque given in table 6 (Nm) ...:		—

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
16.2.1.1	Protection against access to hazardous parts		P
	Appropriate test performed as specified in IEC 60529 (see also clause 10)		P
16.2.1.2	Protection against harmful effects due to ingress of solid foreign objects		N/A
	Appropriate test performed as specified in IEC 60529		N/A
	Test on accessories with IP5X (considered to be of category 2): dust not penetrated in a quantity to interfere with satisfactory operation or to impair safety		N/A
	Test on accessories with IP6X (considered to be of category 1): dust do not penetrate		N/A
16.2.2	Protection against harmful effects due to ingress of water		N/A
	Accessories and their enclosures provide a degree of protection against harmful effects due to ingress of water in accordance with their IP classification		N/A
	Appropriate test performed as specified in IEC 60529 under the following conditions:		N/A
	Flush-type and semi-flush type socket-outlets: fixed in a vertical test wall using an appropriate box according to the manufacturer's instructions		N/A
	Accessory suitable to be installed on a rough wall: test wall according to figure 15 is used		N/A
	Surface-type socket-outlets mounted as for normal use in a vertical position and fitted with cables (having conductors of the largest and smallest nominal cross-sectional area given in table 3) or conduits or both in accordance with the manufacturer's instructions:		N/A
	- largest cross-sectional area (mm^2); type of cable (table 17) .....:		—
	- smallest cross-sectional area (mm^2); type of cable (table 17) .....:		—
	Portable socket-outlets tested on a plain, horizontal surface in a position as in normal use and fitted with flexible cables (having conductors of the largest and smallest nominal cross-sectional area given in table 3) according to table 17:		N/A
	- largest cross-sectional area (mm^2); type of cable (table 17) .....:		—
	- smallest cross-sectional area (mm^2); type of cable (table 17) .....:		—
	Screws of enclosure tightened with a torque equal to 2/3 of the torque given in table 6 (Nm) .....:		—

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Glands tightened with a torque equal to 2/3 of the torque applied during the test of 24.6 (Nm) .....:		—
	Accessory with drain holes opened during the test: any accumulation of water proved by inspection		N/A
	Socket-outlets tested without a plug in engagement		N/A
	Plugs tested when in full engagement with:		N/A
	- a fixed socket-outlets		N/A
	- a portable socket-outlets		N/A
	of the same system and with the same degree of protection against harmful effects due to ingress of water		—
	Specimens withstand an electric strength test specified in 17.2 which is started within 5 min of completion of the IP test		N/A
16.3	Resistance to humidity		P
	Accessories proof against humidity which may occur in normal use		P
	Compliance checked by a humidity treatment carried out in a humidity cabinet containing air with relative humidity maintained between 91 % and 95 %		P
	Specimens kept in the cabinet for:		P
	- two days (48 h) for accessories having IPX0		P
	- seven days (168 h) for accessories having IP>X0		N/A
	After this treatment the specimens show no damage		P
17	**INSULATION RESISTANCE AND ELECTRIC STRENGTH**		P
17.1	Insulation resistance measured 1 min after application of 500 V d.c.	See appended table 17.1	P
17.2	Electric strength: a.c. test voltage applied for 1 min	See appended table 17.2	P
18	**OPERATION OF EARTHING CONTACTS**		N/A
	Earthing contacts provide adequate contact pressure and not deteriorate in normal use		N/A
	Compliance checked by the tests of clauses 19 and 21		N/A
19	**TEMPERATURE RISE**		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Adaptors constructed that they comply with the following temperature rise test		P
	All adaptors are tested according to 19.101 and adaptors with incorporated components are additionally tested according to 19.102.		P
19.101	Adaptors shall be tested in a draught-free environment at the centre of a plane wooden sheet which shall be at least 20 mm thick, 500 mm wide and 500 mm high		P
	Socket-outlet parts of adaptors are tested using a test plug with brass pins having the minimum specified dimensions		P
	The plug part of the adaptor tested with clamping units having dimensions specified in Figure 44 fitted on each live pin and earthing pin, if any		N/A
	In this case the diameter of the screw, the threaded hole and the total volume of the modified clamping unit shall be identical to Figure 44. The screw is then placed approximately in the middle of the bare part of the pin and tightened with a torque of 0.8 Nm		P
	Temperature rise of terminals not exceed 45 K (K) .....:	See appended tables	P
	Adaptors with a plug part having lateral earthing contacts and resilient earthing contacts tested using a fixed socket-outlet complying with the standard and having as near to-average characteristics as can be selected, but with minimum size of the earthing pin, if any		N/A
	Adaptors with incorporated components are tested as follows:		N/A
	Non-rewirable adaptors with a cable outlet and non-rewirable intermediate adaptors are tested with the cable supplied		N/A
	Adaptors with a cable outlet and rewirable intermediate adaptors are fitted with flexible polyvinyl chloride insulated conductors having a nominal cross-sectional area as shown in Table 101		N/A
	A test current shall be applied:		P
	a) through each separate socket-outlet part in turn,		P
	1) for adaptors without incorporated overcurrent protective device		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	2) for adaptors with incorporated overcurrent protective device		N/A
	b) through all socket-outlet parts simultaneously, when the rated current of all the plugs that can be inserted in the socket-outlet parts are lower than the rated current of the plug part, dividing the total test current among the socket-outlet parts in proportion to the rated current of the plugs that can be inserted		N/A
	1) for multi-way adaptors without incorporated overcurrent protective device		N/A
	2) for multi-way adaptors with incorporated overcurrent protective device		N/A
	For adaptors having three poles or more, passing the current through:		P
	- the neutral contact, if any, and the adjacent phase contact (K) .....:	See appended tables	P
	- the earthing contact, if any, and the nearest phase contact (K) .....:	See appended tables	N/A
	The temperature rise of the terminals, terminations and clamping units according to Figure 44 determined by means of thermocouples do not exceed 45 K		P
	Temperature rise of external parts of insulating material not necessary to retain current-carrying parts and parts of the earthing circuit in position (K).....:	See appended tables	P
19.102	Adaptors with incorporated components are tested as in 19.101 item a) but with the incorporated components not short circuited or disconnected and with a test current which is the lowest between the rated current of the incorporated overcurrent protective device, if any		N/A
	The rated current of the plugs that can be inserted		N/A
	Incorporated components, other than the overcurrent protective devices, shall be operated during the test in the worst case conditions with regard to power dissipation		N/A
	Where incorporated components need their rated voltage to operate, the test voltage shall be the rated voltage		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	In addition to the verification of the temperature rise of the terminals, terminations and clamping units according to Figure 44, the maximum temperature rise of accessible metal parts shall be measured and shall not be higher than 30 K and of accessible non-metallic parts not higher than 40 K.		N/A
20	**BREAKING CAPACITY**		P
	Accessories have adequate breaking capacity		P
	Compliance checked by testing:		P
	- socket-outlet parts of adaptors;		P
	- plug parts of adaptors with pins which are not solid		P
	Test conditions:		--
	- 100 strokes; rate of operation ..... :	30 (~~15~~) strokes per minute	--
	- test voltage (1.1 Vn) ..... :	275V	--
	- test current (1.25 In) (power factor 0.6) ..... :	12.5A	--
	Each socket-outlet part and plug part of an adaptor shall be tested separately.		P
	Adaptors with incorporated components are tested as follows:		N/A
	– incorporated components connected in series to the live contacts are short circuited;		N/A
	– incorporated components connected in parallel to the live contacts are disconnected.		N/A
	Multiple socket-outlets: test carried out on one socket-outlet of each type and current rating		N/A
	During the test: no sustained arcing occur		P
	After the test:		P
	- specimens show no damage impairing their further use;		P
	- entry holes for the pins not show any damage which may impair the safety		P
21	**NORMAL OPERATION**		P
	Accessories withstand without excessive wear or other harmful effect, the mechanical, electrical and thermal stresses occurring in normal use		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Compliance checked by testing:		P
	- socket-outlet parts of adaptors;	See appended table 21	P
	- plug part of adaptors with resilient earthing socket-contacts;	See appended table 21	N/A
	- plugs with pins which are not solid	See appended table 21	N/A
	The specimens are tested at rated voltage, in a circuit with cos ϕ = 0.8 ± 0.05, with an alternating current as follows:		P
	– for adaptors without incorporated overcurrent protective device, the test current being the rated current of the plug that can be inserted in the socket-outlet part;		P
	– for adaptors with incorporated overcurrent protective device, the test current being the rated current of the incorporated overcurrent protective device, but not higher than the rated current of the plug that can be inserted in the socket-outlet part.		N/A
	Test conditions for socket-outlet portion of adaptor:		P
	- 10000 strokes; rate of operation ..... :	30 strokes per minute	--
	- test voltage Vn (V) ..... :	250V	--
	- test current (as specified in table 20) (A) (power factor 0.8) ..... :	10A	--
	Test conditions for plug portion of adaptor:		P
	- 2000 strokes; rate of operation ..... :	30 strokes per minute	--
	- test voltage Vn (V) ..... :	250V	P
	- test current (as specified in table 20) (A) (power factor 0.8) ..... :	10A	P
	Test current passed:		P
	- during each insertion and withdrawal of the plug (In ≤ 16A)		P
	- during alternate insertion and withdrawal, the other insertion and withdrawal being made without current flowing (In > 16A)		N/A
	Multiple socket-outlets: test carried out on one socket-outlet of each type and current rating		N/A
	During the test: no sustained arcing occur		P
	After the test the specimens shall not show:		P
	- wear impairing their further use;		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	- deterioration of enclosures, insulating lining or barriers;		P
	- damage to the entry holes for the pins, that might impair proper working;		P
	- loosening of electrical or mechanical connections;		P
	- seepage of sealing compound		N/A
	Shuttered socket-outlets: gauges of figure 9 and 10 applied to the entry holes corresponding to live contacts do not touch live parts when they remain under the relevant forces	See appended table 21	P
	Temperature-rise test (requirements of clause 19)	See appended table 21	P
	Electric strength (sub-clause 17.2)	See appended table 21	P
	Pins which are not solid: test according to 14.2		N/A
	Adaptors with incorporated components are tested with these components operating as in normal use.		P
	In addition, after the test the incorporated components shall be operating as in normal use.		P
22	**FORCE NECESSARY TO WITHDRAW THE PLUG**		P
	The construction of adaptors shall allow the easy insertion and withdrawal of the plug, and prevent the plug from working out of the socket-outlet part of the adaptor, in normal use.		P
	Interlocked adaptors are tested in the unlocked position, Compliance is checked as follows:		N/A
	For socket-outlet parts of adaptors, by		N/A
	– a test to ascertain that the maximum force necessary to withdraw the test plug from the socket-outlet part is not higher than the force specified in Table 16 considering the rating of each socket-outlet type, and		N/A
	– a test to ascertain that the minimum force necessary to withdraw a single pin gauge from the individual contact assembly is not lower than the force specified in Table 16 considering the rating of each socket-outlet type.		N/A
	For plug parts of adaptors with resilient earthing contact assemblies, by		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	– a test to ascertain that the maximum force necessary to withdraw a single pin gauge from the individual resilient earthing contact assembly of the plug part is not higher than the force specified in Table 16 considering the rating of the plug part, and		N/A
	– a test to ascertain that the minimum force necessary to withdraw a single pin gauge from the individual earthing contact assembly is not lower than the force specified in Table 16 considering the rating of the plug part.		N/A
22.1	Verification of the maximum withdrawal force	See appended table 22	P
22.2	Verification of the minimum withdrawal force	See appended table 22	P

23	**FLEXIBLE CABLES AND THEIR CONNECTIONS**		N/A
23.1	Adaptors with cable outlet and rewirable intermediate adaptors shall be provided with a cable anchorage such that the conductors are relieved from strain, including twisting, where they are connected to the terminals and such that their covering is protected from abrasion		N/A
	Sheath of flexible cable is clamped within the cord anchorage		N/A
	In non-rewirable intermediate adaptors the cable is maintained in position and the terminations are relieved from strain and twisting		N/A
	Sheath of flexible cable is maintained inside the accessory		N/A
23.2	Pull and torque test		N/A
	Non-rewirable accessories:		N/A
	After the test: displacement ≤ 2 mm	See appended table 23.2	N/A
	No break in the electrical connections		N/A
	Rewirable accessories:		N/A
	After the test: displacement ≤ 2 mm	See appended table 23.2	N/A
	End of conductors not have moved noticeably in the terminals		N/A
	Rewirable accessories having rated current up to and including 16 A:		N/A
	Suitable for fitting with the appropriate cable as shown in table 19		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Type of flexible cable; number of conductors and nominal cross-sectional area (mm^2)..... :		—
	Adaptors with cable outlet or intermediate adaptors provided with flat tinsel cables are not subjected to the torque test.		N/A
23.3	Non-rewirable intermediate adaptors intended for use with a flexible cable provided with a flexible cable complying with IEC 60227 or IEC 60245		N/A
	External flexible cables intended for control comply with 14.103		N/A
	Flexible cables have the same number of conductors as there are poles in the adaptor with cable outlet or intermediate adaptor		N/A
	Conductor connected to the earthing contact is identified by the colour combination green/yellow		N/A
23.4	Non-rewirable intermediate adaptors: designed that the flexible cable is protected against excessive bending where it enters the adaptor.		N/A
	Guards of insulating material and fixed in reliable manner		N/A
	Flexing test (10.000 flexings)		N/A
	During the test: no interruption of the test current and no short-circuit between conductors	See appended table 23.4	N/A
	After the test: guard no separated from the body, insulation shows no sign of abrasion or wear, broken strands become no accessible	See appended table 23.4	N/A
24	**MECHANICAL STRENGTH**		P
	Adaptors shall have adequate mechanical strength to withstand the stresses imposed during use		P
24.2	Portable single socket-outlets and plugs: subjected to test Ec: Rough handling shocks, primarily for equipment-type specimens, procedure 2 of IEC 60068-2-31 (tumbling barrel); number of falls……..:		P
	After the test:		P
	- no part become detached or loosened;		P
	- pins no become so deformed that the plug cannot be introduced into a socket-outlet and also fails to comply with the requirements of 9.1 and 10.3;		P
	- pins no turn when a torque of 0.4 Nm is applied for 1 min in each direction		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	The shutters of socket-outlets tested again according to Clause 21, from paragraph 19 up to paragraph 24 (only the tests of shutters)		P
24.3	Main parts of surface-type socket-outlets: first fixed to a cylinder of rigid steel sheet and then fixed to a flat steel sheet		N/A
	During and after the tests: no damage		N/A
24.4	Portable single socket-outlets, multiple socket-outlets and plugs (elastomeric or thermoplastic material): impact test, weight (1000 ± 2) g, height 100 mm (apparatus shown in fig. 27)		P
	Specimens placed in a freezer at (-15 °C ± 2) °C for at least 16 h. After the test: no damage		P
24.5	Portable single socket-outlets and plugs (elastomeric or thermoplastic material): compression test, 300 N for 1 min, position a) and b) (apparatus shown in fig. 8)		P
	After the test: no damage		P
24.6	Screwed glands of accessories having IP>20: torque test (1 min)		--
	- diameter of test rod (mm) ..... :		—
	- type of material (metal / moulded) ..... :		—
	- torque (Nm) ..... :		—
	After the test: no damage of glands and enclosures of the specimens		N/A
24.7	Plug pins provided with insulating sleeves: 20000 movements, 4 N (apparatus shown in fig. 28)		P
	After the test: no damage of pins, insulating sleeve not have punctured or rucked up		P
24.8	Shuttered socket-outlet parts of adaptors: mechanical test carried out on specimens submitted to the normal operation test according to clause 21		P
	Force (40 N / 75 N) applied for 1 min against the shutter of an entry hole by means of one pin (N) :	75N	—
	Pin did not come in contact with live parts		P
	After the test: no damage		P
24.9	Mechanical test for multiple portable socket-outlet: 8 falls on concrete floor with the specimens arranged as shown in figure 29		N/A
	Rewirable multiple socket-outlets: flexible cable of the smallest cross-sectional area specified in table 3 .....:		—
	After the test: no damage, no part have become detached or loosened		N/A
	Accessories having IP>X0 submitted again to the tests as specified in 16.2		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	The shutters of multiple socket-outlets tested again according to Clause 21, from paragraph 19 up to paragraph 24 (only the tests of shutters)		N/A
24.10	Plug portion of adaptors: pull test to verify the fixation of pins in the body of the adaptor (new specimens)		P
	Maximum withdrawal force (table 16) applied for 1 min on each pin in turn, after the specimen has been placed at (70 ± 2) °C for 1 h (N) ..... :		—
	After the test: displacement of pins in the body of the plug ≤ 1 mm (mm) ..... :	Max. 0.3mm	P
24.11	Barriers of portable socket-outlets having means for suspension on a mounting surface:		N/A
	Force applied for 10 s against the barrier by means of a cylindrical steel rod (1,5 times the maximum plug withdrawal force in 22.1, table 16) (N) ..... :		—
	Rod did not pierce the barrier		N/A
24.12	Portable socket-outlets having means for suspension on a mounting surface (pull test):		N/A
	Pull applied to the supply flexible cable for 10 s (force prescribed in 23.2 for checking the flexible cable anchorage) (N) ..... :		—
	During the test: no break of the means for suspension on a mounting surface		N/A
24.13	Portable socket-outlets having means for suspension on a mounting surface (pull test):		N/A
	Pull applied to the engagement face of the socket-outlet for 10 s (maximum withdrawal force specified, for the corresponding plug, in table 16) (N) ..... :		—
	During the test: no break of the means for suspension on a mounting surface		N/A
24.14	Forces necessary to retain or remove covers, cover-plates or parts of them (accessibility with the test finger to live parts)		N/A
24.14.1	Verification of the retention of covers or cover-plates (fixed socket-outlets)		N/A
	Force (40 N / 80 N) applied for 1 min perpendicular to the mounting surface (N) ..... :		—
	Covers or cover-plates did not come off		N/A
	Test repeated on new specimens with a sheet of hard material, (1 ± 0,1) mm thick, fitted around the supporting frame (fig. 31): covers or cover-plates did not come off		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	After the test: no damage		N/A
24.14.2	Verification of the removal of covers or cover-plates (fixed socket-outlets)		N/A
	Force not exceeding 120 N applied 10 times perpendicular to the mounting / supporting surface: covers or cover-plates came off		N/A
	Test repeated on new specimens with a sheet of hard material, (1 ± 0,1) mm thick, fitted around the supporting frame (fig. 31): covers or cover-plates came off		N/A
	After the test: no damage		N/A
24.14.3	Verification of the retention of covers or cover-plates (plugs and portable socket-outlets)		N/A
	Force 80 N applied for 1 min perpendicular to the mounting surface: covers, cover-plates or parts of them did not come off		N/A
	Test repeated with a force of 120 N:		N/A
	Rewirable plugs and rewirable portable socket-outlets: covers, cover-plates or parts of them came off but the specimen showed no damage		N/A
	Non-rewirable, non-moulded-on accessories: covers, cover-plates or parts of them came off but the accessories were permanently useless according to 14.1		N/A
24.15	Force necessary for covers or cover-plates to come off or not to come off (accessibility with the test finger to non-earthed metal parts separated from live parts by creepage distances and clearances according to table 23)		N/A
24.14.1	Verification of the non-removal of covers or cover-plates		N/A
	Force (10 N / 20 N) applied for 1 min in direction perpendicular to the mounting surface (N) ..... :		—
	Covers or cover-plates did not come off		N/A
	Test repeated on new specimens with a sheet of hard material, 1 mm ± 0,1 mm thick, fitted around the supporting frame (fig. 31): covers or cover-plates did not come off		N/A
	After the test: no damage		N/A
24.14.2	Verification of the removal of covers or cover-plates		N/A
	Force not exceeding 120 N applied 10 times in direction perpendicular to the mounting / supporting surface: covers or cover-plates came off		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Test repeated on new specimens with a sheet of hard material, 1 mm ± 0,1 mm thick, fitted around the supporting frame (fig. 31): covers or cover-plates came off		N/A
	After the test: no damage		N/A
24.16	Force necessary for covers or cover-plates to come off or not to come off (accessibility to insulating parts, earthed metal parts, live parts of SELV ≤ 25 V a.c. or metal parts separated from live parts by creepage distances twice those according to table 23)		N/A
24.14.1	Verification of the non-removal of covers or cover-plates		N/A
	Force 10 N applied for 1 min in direction perpendicular to the mounting surface: covers or cover-plates did not come off		N/A
	Test repeated on new specimens with a sheet of hard material, 1 mm ± 0,1 mm thick, fitted around the supporting frame (fig. 31): covers or cover-plates did not come off		N/A
	After the test: no damage		N/A
24.14.2	Verification of the removal of covers or cover-plates		N/A
	Force not exceeding 120 N applied 10 times in direction perpendicular to the mounting / supporting surface: covers or cover-plates came off		N/A
	Test repeated on new specimens with a sheet of hard material, 1 mm ± 0,1 mm thick, fitted around the supporting frame (fig. 31): covers or cover-plates came off		N/A
	After the test: no damage		N/A
24.17	Test with gauge of figure 7 applied according to figure 9 for verification of the outline of covers or cover-plates: distances between face C of gauge and outline of side under test, not decrease ..... :		—
24.18	Test with gauge according to figure 5 applied as shown in figure 11 (1 N): gauge not enter more than 1mm ..... :		—
24.19	The shrouds of socket-outlet parts of adaptors: compression test (20 ± 2) N at (25 ± 5) °C by means of the apparatus shown in figure 38		N/A
	After 1 min and while the shrouds are still under pressure the dimensions did comply with the appropriate standard sheet		N/A
	Test repeated with the specimen rotated 90 °		N/A
25	**RESISTANCE TO HEAT**		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
25.1	Specimens kept for 1 h in a heating cabinet at (100 ± 2) °C for 1 h		P
	During the test: no change impairing their further use and sealing compound, if any, not flow		P
	After the test:		P
	- no access to live parts with probe B of IEC 61032 applied with a force not exceeding 5 N		P
	- markings still legible		P
25.2	Parts of insulating material necessary to retain current-carrying parts and parts of the earthing circuit in position, as well as parts of the front surface zone, 2 mm wide, surrounding the phase and neutral pin entry holes: ball-pressure test at (125 ± 2)°C for 1 h	See appended table 25.2	P
25.3	Parts of insulating material not necessary to retain current-carrying parts and parts of the earthing circuit in position, even though in contact with them: ball-pressure test (1 h)	See appended table 25.3	P
25.4	Portable accessories: compression test (20 N) at (80 ± 2)°C for 1 h by means of the apparatus shown in figure 38		P
	After the test: no damage		P
26	**SCREWS, CURRENT-CARRYING PARTS AND CONNECTIONS**		P
26.1	Connections withstand mechanical stresses		N/A
	Thread-forming or thread-cutting screws used only if supplied together with the piece in which they are intended to be inserted		N/A
	Thread-cutting screws intended to be used during installation: captive		N/A
	Screws or nuts which transmit contact pressure made of metal and in engagement with a metal thread		N/A
	Threaded part torque test	See appended table 26.1	N/A
26.2	Screws in engagement with a thread of insulating material: correct introduction into the screw hole or nut ensured		N/A
26.3	Contact pressure: not transmitted through insulating material other than ceramic, pure mica or other material no less suitable unless there is sufficient resiliency in metallic parts		P
	Connections made by insulation piercing of tinsel cord reliable		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
26.4	Screws and rivets locked against loosening and/or turning		N/A
26.5	Current-carrying parts (including earthing terminals) have mechanical strength, electrical conductivity and resistance to corrosion adequate:		P
	- copper;		N/A
	- alloy with at least 58 % copper for parts made from cold-rolled sheet or with at least 50 % copper for other parts;		P
	- stainless steel with at least 13 % chromium and not more than 0,09 % carbon		N/A
	- steel with electroplated coating of zinc (ISO 2081): service condition ISO no. (1/2/3); IP (X0/X4/X5); thickness (µm) ..... :		N/A
	- steel with electroplated coating of nickel and chromium (ISO 1456): service condition ISO no. (2/3/4); IP (X0/X4/X5); thickness (µm) ..... :		N/A
	- steel with electroplated coating of tin (ISO 2093): service condition ISO no. (2/3/4); IP (X0/X4/X5); thickness (µm) ..... :		N/A
	Current-carrying parts subjected to mechanical wear: not of steel with electroplated coating		P
	Metals having a great difference of electrochemical potential: not used in contact with each other		P
26.6	Contacts subjected to a sliding action are of metal resistant to corrosion		P
26.7	Thread-forming screws and thread-cutting screws are not used for the connection of current-carrying parts		P
	Thread-forming screws and thread-cutting screws used to provide earthing connection: it is not necessary to disturb the connection and at least two screws are used for each connection		N/A
27	**CREEPAGE DISTANCES, CLEARANCES AND DISTANCES THROUGH SEALING COMPOUND**		P
27.1	Creepage distances, clearances and distances through sealing compound are not less than the values shown in table 23	See appended table 27.1	P
27.2	Insulating sealing compound does not protrude above the edge of the cavity in which it is contained		N/A
27.3	Surface-type socket-outlets do not have bare current-carrying strips at the back		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
28	**RESISTANCE OF INSULATING MATERIAL TO ABNORMAL HEAT, TO FIRE AND TO TRACKING**		P
28.1	Resistance to abnormal heat and to fire		P
28.1.1	Glow-wire test according to IEC 60695-2-10 and IEC 60695-2-11	See appended table 28.1.1	P
28.1.2	Plugs with pins provided with insulating sleeves:		P
	Test temperature maintained for 3 h by means of the apparatus shown in figure 40 at (120 ± 5) °C / (180 ± 5) °C ..... :	180°C	—
	Impact test according to sub-clause 30.4 (mass 100 g, height 100 mm, 4 impacts): no cracks of the insulating sleeves		P
28.2	Resistance to tracking		N/A
	Parts of insulating material retaining live parts in position of accessories having IP>X0: of material resistant to tracking		N/A
	Tracking test at 175 V with solution A of IEC 60112	See appended table 28.2	N/A
29	**RESISTANCE TO RUSTING**		P
	Ferrous parts protected against rusting		P
	Test made after having removed all grease using a suitable degreasing agent: 10 min 10 % solution of ammonium chloride, 10 min in a box with air saturated with moisture and 10 min at (100 ± 5) °C:		P
	No signs of rust		P
30	**ADDITIONAL TESTS ON PINS PROVIDED WITH INSULATING SLEEVES**		P
30.1	Pressure test at high temperature		P
	Apparatus shown in figure 41, with the test specimen in position, maintained for 2 h at (200 ± 5) °C. Force applied through the blade: 2,5 N		P
	Thickness of the insulation measured: before the test (mm); after the test (mm) .....:	0.80mm; 0.75mm	—
	Thickness remaining at the point of impression is not reduced by more than 50 % of its original value measured at the start of the test: percentage value (%) .....:	6.25%	P
30.2	Static damp heat test		P
	Set of 3 specimens submitted to two damp heat cycles in accordance with IEC 60068-2-30 (variant 2 with a temperature of 40 °C).		P
	After the test:		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	- insulation resistance and electric strength test (clause 17)		P
	- abrasion test (sub-clause 24.7)		P
30.3	Test at low temperature		P
	Set of 3 specimens maintained at (-15 °C ± 2) °C for 24 h		P
	After the test:		P
	- insulation resistance and electric strength test (clause 17)		P
	- abrasion test (sub-clause 24.7)		P
30.4	Impact test at low temperature		P
	Specimens maintained at (-15 °C ± 2) °C for 24 h subjected to 4 impacts (mass 100 g, height 100 mm) by means of the apparatus shown in figure 42 rotating the specimen through 90 ° between impacts		P
	After the test: no crack of the insulating sleeves		P
Annex AA	**Travel adaptors**		**P**
8	**Marking**		**P**
8.101 (Addition)	Additional requirements for travel adaptors		P
	The manufacturer shall indicate on the travel adaptor and/or in the documentation accompanying the travel adaptor that the travel adaptor is for temporary use only and that it shall not be used permanently.		P
	The manufacturer shall indicate on the travel adaptor and/or in the documentation accompanying the travel adaptor the types of plugs and socket-outlets according to Figure AA.1 and the countries in which it is intended to be used.		P
	Compliance is checked by inspection of the documentation and of the design of the travel adaptor.		P
9	**Checking of dimensions**		**P**
9.1	Replacement of the first paragraph: For travel adaptors the plug part and the socket-outlet part shall comply with the national specifications and standard sheets of the countries for which the manufacturer declares compatibility.		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	For travel adaptors allowing the connection of plugs of different national systems or insertion into different national systems the following deviations may be allowed if safety is not impaired:		P
	- overlapping entry holes on the socket-outlet part,		P
	- plugs combining different national standards on the plug part,		P
	- outer body dimensions.		P
9.2	Addition after the first paragraph: Travel adaptors allowing temporary connection of a plug with a socket-outlet having a higher voltage rating are allowed, provided that the manufacturer gives information for the safe use directly on the travel adaptor, for example “DOES NOT CONVERT VOLTAGE”	See copy of marking plate	P
10	Protection against electric shock		**P**
10.1	Replacement of the second paragraph and NOTE: Live parts shall not be accessible when the plug part of a travel adaptor is in partial or complete engagement with a socket-outlet.		P
	Replacement of the sixth paragraph: For travel adaptors, the test finger is applied in every possible position when the travel adaptor is in partial or complete engagement with a socket-outlet.		P
10.3	Replacement of the first paragraph: It shall not be possible to make contact between a pin of a plug and a live socket contact of a travel adaptor or between a pin of a travel adaptor and a live socket contact of a socket-outlet whilst any other current carrying pin is accessible.		P
11	**Provision for earthing**		**N/A**
11.101 (Addition)	For earthed configurations, it shall not be possible to engage the current-carrying pins of the travel adaptor in a socket-outlet without the corresponding earth becoming engaged.		N/A
	Compliance is checked by inspection and electrical test.		N/A
	The test shall be performed with the travel adaptor pins in all possible positions.		N/A
12	Terminals and terminations		N/A
	This clause of the main part is applicable.		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
13	**Construction of fixed socket-outlets**		N/A
	This clause of the main part is applicable.		N/A
14	**Construction of travel adaptors**		P
14.1	**Replacement:**		--
	The socket-outlet part of a travel adaptor may have one or more socket-outlet type(s), but it shall accommodate only one plug at a time. Compliance is checked by inspection.		P
	The socket-outlet part(s) of travel adaptors shall be provided with shutters. Compliance is checked by inspection.		P
	For travel adaptors comprising several parts, the use of the travel adaptor shall remain safe for all combinations of parts. Compliance is checked by inspection and applying all the tests to each different combination.		P
	Compliance is checked by inspections and, in case of doubt, by applying test probe 13 according to IEC 61032 with a force not exceeding 5 N, in every possible position, with the plug part in full engagement with a socket-outlet. The test probe shall not touch live parts.		P
	The plug part of a travel adaptor may have one or several plug type(s), but only one plug can be electrically connected at a time.		P
	There shall be no electrical connection between different pin combinations, if any, when one of them is ready for use. This shall additionally be tested with the pin combinations (use and unused, if any) in intermediate positions.		P
	Compliance is checked by applying the standard test finger, test probe B of IEC 61032, in every possible position, an electrical indicator with a voltage between 40 V and 50 V being used to show contact with the relevant parts.		P
14.107	**Replacement:**		--

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	Travel adaptors shall not have any socket-outlet part which permits the insertion of a plug with current rating exceeding 1.25 times the lowest rated current of the plug types(s) of the plug part of the travel adaptor, unless the travel adaptor is provided with an overcurrent protective device rated less than or equal to the rated current of the plug part. Compliance is checked by inspection.		P
15	**Interlocked socket-outlets**		N/A
	Replacement of the heading of Clause 15 by the following:		--
15	**Interlocked socket-outlet parts of adaptors**		N/A
	This clause of the main part is applicable.		N/A
16	**Resistance to ageing, protection provided by enclosures, and resistance to humidity**		P
16.1	Addition before the last paragraph:		--
	For travel adaptors with movable pins or detachable plug and/or socket-outlet parts, all specimens shall be subjected to a test with 300 cycles of complete movements of the pins which have been selected for the tests of Clause 19, 20 and 21 or of the detachable plug and/or socket-outlet parts.		N/A
17	**Insulation resistance and electric strength**		P
	This clause of the main part is applicable.		P
18	**Operation of earthing contacts**		N/A
	This clause of the main part is applicable.		N/A
19	**Temperature rise**		P
	This clause of the main part is applicable.		P
20	**Breaking capacity**		P
	Replacement of the paragraph after "Replacement of the ninth paragraph":		--
	The test voltage shall be 1,1 times the rated voltage of the plug part and the test current shall be 1,25 times the current which is the lowest between the rated current of the plug that can be inserted in the socket-outlet part and the rated current of the plug part of the travel adaptor.		P
	Addition:		--

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	If more than one type of plug can be engaged into the socket-outlet part, this test shall be performed for the types of plugs on new additional sets of specimens (one set of 3 specimens for each type of plug), chosen according to 5.4, previously submitted to the test of 16.1, and subsequently submitted to the tests of Clause 21		P
	In addition to the above tests, an additional set of specimens is required to be tested with all types of plugs. Each plug is inserted and withdrawn from the socket-outlet 50 times (100 strokes) divided by the number of plugs which may be inserted in that socket-outlet part. That set of specimens shall also be previously submitted to the test of 16.1, and subsequently submitted to the tests of Clause 21.		P
21	**Normal operation**		P
	Replacement of the paragraph after “Replacement of the two paragraphs after NOTE 3:”:		--
	The specimens are tested at the rated voltage of the plug part, in a circuit with cosφ = 0,8 ± 0,05, with an alternating current as follows:		--
	- for travel adaptors without incorporated overcurrent protective device, the test current being the current which is the lowest between the rated current of the plug that can be inserted in the socket-outlet part and the rated current of the plug part of the travel adaptor,		P
	- for travel adaptors with incorporated overcurrent protective device, the test current being the rated current of the protective device but not higher than the lowest between the rated current of the plug that can be inserted in the socket-outlet part and the rated current of the plug part of the travel adaptor.		N/A
	Addition:		--
	For the additional set of specimens which was tested in Clause 20 with all types of plugs, each plug is inserted and withdrawn from the socket-outlet 5 000 times (10 000 strokes) divided by the number of plugs which may be inserted in that socket-outlet part.		P
22	**Force necessary to withdraw the plug**		P
	This clause of the main part is applicable.		P
23	**Flexible cables and their connection**		N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict
	This clause of the main part is applicable.		N/A
24	**Mechanical strength**		P
	This clause of the main part is applicable except as follows:		--
24.2	Addition:		--
	For travel adaptors with movable pins, the test shall be repeated on a new set of specimens for each plug type.		N/A
25	**Resistance to heat**		P
	This clause of the main part is applicable.		P
26	**Screws, current-carrying parts and connections**		P
	This clause of the main part is applicable.		P
27	**Creepage distances, clearances and distances through sealing compound**		P
	This clause of the main part is applicable.		P
28	**Resistance of insulating material to abnormal heat, to fire and to tracking**		P
	This clause of the main part is applicable.		P
29	**Resistance to rusting**		P
	This clause of the main part is applicable.		P
30	**Additional tests on pins provided with insulating sleeves**		P
	This clause of the main part is applicable.		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

12.2.5	**TABLE: test with apparatus shown in figure 11 (screw-type terminals)**		N/A
	rated current (A) .....:	--	—
	type of conductors .....:	rigid solid / rigid stranded / flexible	—
	smallest/largest cross-sectional area per table 3 (mm^2) .....:	--	—
	number of conductors.....:	--	—
	nominal diameter of thread (mm); torque per table 6 (Nm) .....:	--	—

Cross-sectional area (mm^2)	Diameter of bushing hole per table 9 (mm)	Height H per table 9 (mm)	Mass (kg)	Remarks
--	--	--	--	--
--	--	--	--	--
supplementary information:				

12.2.6	**TABLE: pull test (screw-type terminals)**		N/A
	rated current (A) .....:	--	—
	smallest/largest cross-sectional area per table 3 (mm^2) .....:	--	—
	nominal diameter of thread (mm); torque 2/3 per table 6 (Nm) .....:	--	—

Cross-sectional area (mm^2)	Number of conductors	Type of conductors (rigid solid / rigid stranded / flexible)	Pull per table 4 applied for 1 min (N)	Remarks
--	--	--	--	--
--	--	--	--	--
supplementary information:				

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

12.2.7	**TABLE: tightening test (screw-type terminals)**		N/A
	rated current (A) .....:	--	—
	nominal diameter of thread (mm); torque 2/3 per table 6 (Nm) .....:	--	—

Largest cross-sectional area per table 3 (mm^2)	Permissible number of conductors (1)	Type of conductors (rigid solid / rigid stranded / flexible)	Number of wires and nominal diameter of wires per table 5	Remarks
--	--	--	--	--
--	--	--	--	--

supplementary information:
(1) **terminals intended for looping-in 2 or 3 conductors**

12.3.10	**TABLE: mechanical strength test (screwless-type terminals)**		N/A
	rated current (A) .....:	--	—
	largest/smallest cross-sectional area per table 7 (mm^2) .....:	--	—

Number of connection (after that conductor subjected to a pull of 30 N for 1 min) / disconnection	Type of conductor (solid / rigid stranded / flexible	Cross-sectional area (mm^2)	Remarks
--	--	--	--
--	--	--	--

	TABLE: test with apparatus shown in figure 11	N/A

Cross-sectional area (mm^2)	Type of conductor (solid / rigid stranded / flexible	Diameter of bushing hole per table 9 (mm)	Height H per table 9 (mm)	Mass (kg)	Remarks
--	--	--	--	--	--
--	--	--	--	--	--

supplementary information:

12.3.11	**TABLE: electrical and thermal strength test (screwless-type terminals)**		N/A
Test a)	**Test carried out for 1 h connecting rigid solid conductors:**		N/A
	test current per table 10 (A) .....:	--	—
	nominal cross-sectional area (mm^2) .....:	--	—

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

Screwless terminal number	Voltage drop (mV)	Required voltage drop (mV)
1	--	**≤ 15**
2	--	**≤ 15**
3	--	**≤ 15**
4	--	**≤ 15**
5	--	**≤ 15**

Test b)	**Temperature cycles test carried out on terminals subjected to Test a):**		N/A
	test current per table 10 (A) .....:	--	—
	nominal cross-sectional area (mm^2) .....:	--	—
	allowed voltage drop (mV) .....:	**≤ 22.5 mV or 2 times 24th cycle value (mV)**	—

Screwless terminal number	**1**	**2**	**3**	**4**	**5**	**Remarks**
voltage drop after 24th cycle	--	--	--	--	--	--
voltage drop after 48th cycle	--	--	--	--	--	--
voltage drop after 72nd cycle	--	--	--	--	--	--
voltage drop after 96th cycle	--	--	--	--	--	--
voltage drop after 120th cycle	--	--	--	--	--	--
voltage drop after 144th cycle	--	--	--	--	--	--
voltage drop after 168th cycle	--	--	--	--	--	--
voltage drop after 192nd cycle	--	--	--	--	--	--

12.3.10	**TABLE: mechanical strength test (screwless-type terminals)**		N/A
	rated current (A) .....:	--	—
	largest/smallest cross-sectional area per table 7 (mm^2) .....:	--	—

Number of connection (after that conductor subjected to a pull of 30 N for 1 min) / disconnection	**Type of conductor (solid / rigid stranded / flexible**	**Cross-sectional area (mm^2)**	**Remarks**
--	--	--	--
--	--	--	--

	TABLE: test with apparatus shown in figure 11	N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

Cross-sectional area (mm^2)	Type of conductor (solid / rigid stranded / flexible	Diameter of bushing hole per table 9 (mm)	Height H per table 9 (mm)	Mass (kg)	Remarks
--	--	--	--	--	--
--	--	--	--	--	--
supplementary information:					

12.3.12	**TABLE: deflection test (principle of test apparatus shown in figure 12a)**		N/A
	Test carried out connecting rigid solid copper conductors:		N/A
	test current (A) (equal rated current) .....:	--	—
	required voltage drop (mV) .....:	**≤ 25 mV**	—

Type of conductor	**Smallest**			**Largest**			**Remarks**
cross-sectional area per table 11 (mm^2)	--			--			--
force per table 12 (N)	--			--			--
screwless terminal number	**1**	**2**	**3**	**1**	**2**	**3**	--
starting point (X = deflection original point)	**X**	**X+10°**	**X+20°**	**X**	**X+10°**	**X+20°**	--
voltage drop 1st deflection (mV)	--	--	--	--	--	--	--
voltage drop 2nd deflection (mV)	--	--	--	--	--	--	--
voltage drop 3rd deflection (mV)	--	--	--	--	--	--	--
voltage drop 4th deflection (mV)	--	--	--	--	--	--	--
voltage drop 5th deflection (mV)	--	--	--	--	--	--	--
voltage drop 6th deflection (mV)	--	--	--	--	--	--	--
voltage drop 7th deflection (mV)	--	--	--	--	--	--	--
voltage drop 8th deflection (mV)	--	--	--	--	--	--	--
voltage drop 9th deflection (mV)	--	--	--	--	--	--	--
voltage drop 10th deflection (mV)	--	--	--	--	--	--	--
voltage drop 11th deflection (mV)	--	--	--	--	--	--	--
voltage drop 12th deflection (mV)	--	--	--	--	--	--	--
supplementary information:							

17.1	**TABLE: insulation resistance**	P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

Item per 17.1	test voltage applied between:	measured (MΩ)	required (MΩ)
a)	between all poles connected together and the body, the measurement being made with a plug in engagement	>100MΩ	≥5MΩ
b)	between each pole in turn and all others, these being connected to the body with a plug in engagement;	>100MΩ	≥5MΩ
supplementary information:			

17.2	**TABLE: electric strength**		P
	rated voltage (V) ..... :	100-250V~	—
item per 17.1	test voltage applied between:	test voltage (V)	flashover / breakdown (Yes/No)
a)	between all poles connected together and the body, the measurement being made with a plug in engagement	2000V	No
b)	between each pole in turn and all others, these being connected to the body with a plug in engagement;	2000V	No
supplementary information:			

19.101	**TABLE: temperature rise test**		P
	rated current of accessory (A) .....:	10A Max.	—
	type of accessory (non-rewirable / rewirable) ....:	--	—
	nominal cross-sectional area per table 15 (mm^2) :	--	—
	type of conductors (rigid solid / rigid stranded / flexible) .....:	--	—
	nominal diameter of thread (mm); torque 2/3 of that specified in 12.2.8 (Nm) .....:	--	—
	Test a) separate socket-outlet		P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

specimen	type of flexible cable (1)	number of conductors and nominal cross-sectional area (mm^2) (1)	test circuit (L-L/L-N/L-E)	test current (– for In ≤10 A, test current = 1,4 In, – for In >10 A, test current = 1,25 In,) for 1 h (A)	measured ΔT (K)	allowed ΔT (K)	ΔT of external parts of insulating material (25.3)(K)
#1	--	--	L-N	14	Max. 32.1	45	Max. 18.9
#2	--	--	L-N	14	Max. 31.4	45	Max. 16.4
#3	--	--	L-N	14	Max. 29.3	45	Max. 15.7
	Test b) all socket-outlet parts simultaneously						N/A
specimen	**type of flexible cable (1)**	**number of conductors and nominal cross-sectional area (mm^2) (1)**	**test circuit (L-L/L-N/L-E)**	**test current (– for In ≤10 A, test current = 1,4 In, – for In >10 A, test current = 1,25 In,) for 1 h (A)**	**measured ΔT (K)**	**allowed ΔT (K)**	**ΔT of external parts of insulating material (25.3)(K)**
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

19.102	**TABLE: Temperature rise test with incorporated components**		N/A
	rated current of accessory (A) ..... :	--	—
	type of accessory (non-rewirable / rewirable) .... :	--	—
	nominal cross-sectional area per table 15 (mm^2) :	--	—
	type of conductors (rigid solid / rigid stranded / flexible) ..... :	--	—
	nominal diameter of thread (mm); torque 2/3 of that specified in 12.2.8 (Nm ..... :	--	—
Test for adaptors with incorporated components			N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

specimen	type of flexible cable (1)	number of conductors and nominal cross-sectional area (mm^2) (1)	test circuit (L-L/L-N/L-E)	Test current is rated current of the portable accessory or the rated current of the component (s), whichever is the lower (A)	measured ΔT (K)	allowed ΔT (K)	ΔT of external parts (25.3)(K) (2)
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

supplementary information:
(1) Non-rewirable accessories ; (2) Metal parts 30 K ; non-metallic parts 40 K

21	TABLE: normal operation		P
	rating of accessory (A/V) .....:	10A Max. / 100-250V	—
	type of accessory (non-rewirable / rewirable) ....:	--	—
	type of flexible cable (non-rewirable accessories) .....:	--	—
	number of conductors and nominal cross-sectional area (mm^2) (non-rewirable accessories) .....:	--	—
	nominal cross-sectional area per table 15 (mm^2) :	--	—
	type of conductors (rigid solid / rigid stranded / flexible) .....:	--	—
	nominal diameter of thread (mm); torque 2/3 of that specified in 12.2.8 (Nm) .....:	--	—
	rate of operation (strokes per minute) .....:	30	—

specimen	test plug (for each type and current rating of socket-outlet)		test voltage (Vn) (V)	test current (table 20), cos φ 0.8 (A)	number of strokes (plugs only)	number of strokes, with shutters – with current (1)	number of strokes, without shutters – with current (2)	number of strokes, with shutters – without current (3)	
	pin dimensions (mm)	pin spacing (mm)							
#1	Max.	Max.	250	10	10000	10000	--	--	P
#2	Max.	Max.	250	10	10000	10000	--	--	P

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5									
Clause	Requirement + Test					Result - Remark			Verdict
#3	Max.	Max.	250	10	10000	10000	--	--	P
	TABLE: test for shuttered socket-outlets								P
specimen	**Gauge of figure 9, applied with a force of 20 N, for approximately 5 s, successively in three directions**				**Steel gauge of figure 10, applied with a force of 1 N for approximately 5 s, in three directions**				
#1	Not contact with live parts				Not contact with live parts				P
#2	Not contact with live parts				Not contact with live parts				P
#3	Not contact with live parts				Not contact with live parts				P
19	**TABLE: temperature rise test**								P
specimen	**test circuit (L-L/L-N/L-E)**		**test current (table 20 for clause 21) for 1 h (A)**		**measured dT (K)**		**allowed dT (K)**		
#1	L-N		10		Max. 32.8		45		P
#2	L-N		10		Max. 31.4		45		P
#3	L-N		10		Max. 29.7		45		P
17.2	**TABLE: electric strength**								P
specimen	**item per 17.1**	**test voltage applied between:**				**test voltage (V)**		**flashover / breakdown (Yes/No)**	
#1, #2, #3	a)	between all poles connected together and the body, the measurement being made with a plug in engagement				1500V		No	
	b)	between each pole in turn and all others, these being connected to the body with a plug in engagement;				1500V		No	
supplementary information: **(1) starting point 1 or 3 of Figure 43** **(2) starting point 2 of Figure 43** **(3) starting point 1 or 2 of Figure 43**									

22	**TABLE: force necessary to withdraw the plug**		P
	Rated current (A) .....:	Max. 10A	—
	Number of poles .....:	2	—
22.1	**Verification of the maximum withdrawal force**		P
specimen	**socket-outlets (multi-pin gauge)**	**plugs with resilient earthing contact assemblies (single-pin gauge)**	

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

	maximum withdrawal force (N)	the test plug did not remain in the socket-outlet (Y/N)	maximum withdrawal force (N)	the test pin gauge did not remain in the contact assembly	
#1	40	Y	--	--	P
#2	40	Y	--	--	P
#3	40	Y	--	--	P
22.2	**Verification of the minimum withdrawal force**				P
specimen	**socket-outlets (single-pin gauge)**		**plugs with resilient earthing contact assemblies (single-pin gauge)**		
	minimum withdrawal force (N)	**the test pin gauge did not fall from each individual contact-assembly within 30 s (Y/N)**	**minimum withdrawal force (N)**	**the test pin gauge did not fall from each individual earthing contact-assembly within 30 s (Y/N)**	
#1	1.5	Y (Not fall)	--	--	P
#2	1.5	Y (Not fall)	--	--	P
#3	1.5	Y (Not fall)	--	--	P
supplementary information:					

23.2	**TABLE: pull and torque test**					N/A
	rating of accessory (A) .....:	--				—
	type of accessory (non-rewirable / rewirable) ....:	--				—
	smallest/largest cross-sectional area per table 17 (mm^2) (rewirable accessories) .....:	--				—
	nominal diameter of thread (mm); torque 2/3 per table 6 (Nm) (rewirable accessories) .....:	--				—
specimen	**type of flexible cable**	**number of conductors and nominal cross-sectional area (mm^2)**	**pull (100 times) (N)**	**torque (1 min) as specified in table 18 (Nm)**	**displacement (mm)**	
--	--	--	--	--	--	--
--	--	--	--	--	--	--
--	--	--	--	--	--	--
supplementary information:						

23.4	**TABLE: flexing test**		N/A
	rated current (A) .....:	--	—

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

specimen	type of flexible cable	number of conductors and nominal cross-sectional area (mm^2)	test current (A)	mass (N)	
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--
supplementary information:					

25.2	TABLE: ball pressure test of insulating materials		P
	allowed impression diameter (mm) .....:	**≤ 2 mm**	—

part under test	test temperature (°C)	impression diameter (mm)
Live parts carrier	125	1.5
supplementary information:		

25.3	TABLE: ball pressure test of insulating materials		P
	allowed impression diameter (mm) .....:	**≤ 2 mm**	—

part under test	test temperature (°C) (1)	impression diameter (mm)
Shutter	70	0.7
Fuse cover	70	0.7
Enclosure	70	0.8
supplementary information: (1) **(70 ± 2) °C / (40 ± 2) °C + highest temperature rise determined during the test of clause 19**		

26.1	TABLE: threaded part torque test					N/A
threaded part identification	**diameter of thread (mm)**	**column number (1, 2 or 3)**	**applied torque (Nm)**	**times (5/10)**	**no damage**	
--	--	--	--	--	--	
supplementary information:						

27.1	TABLE: creepage distances, clearances and distances through sealing compound		P
	rated voltage (V) .....:	100-250V~	—

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

IEC 60884-2-5			
Clause	Requirement + Test	Result - Remark	Verdict

item per table 23	creepage distance dcr, clearance cl and distance through sealing compound dtsc at/of:	required cl (mm)	cl (mm)	required dcr (mm)	dcr (mm)	required dtsc (mm)	dtsc (mm)
1; 6	between live parts of different polarity	≥3	>3 (by gauge)	≥3	>3 (by gauge)	--	--
2; 7	between live parts and accessible surface of parts of insulating material	≥3	>4 (by gauge)	≥3	>4 (by gauge)	--	--
supplementary information:							

28.1.1	TABLE: glow-wire test					P
part under test	**material designation**	**test temperature (°C)**	**visible flame and sustained glowing (Y/N)**	**flame and glowing extinction time**	**ignition of the tissue paper (Y/N)**	
Live parts carrier	/	750	N	-	N	
Pin sleeve	/	750	N	-	N	
Shutter	/	650	N	-	N	
Fuse cover	/	650	N	-	N	
Enclosure	/	650	N	-	N	
supplementary information:						

28.2	TABLE: resistance to tracking		N/A
	number of drops .....:	50	—

part under test	material designation	test voltage (V)	flashover / breakdown (Yes/No)
--	--	175	--
supplementary information:			

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

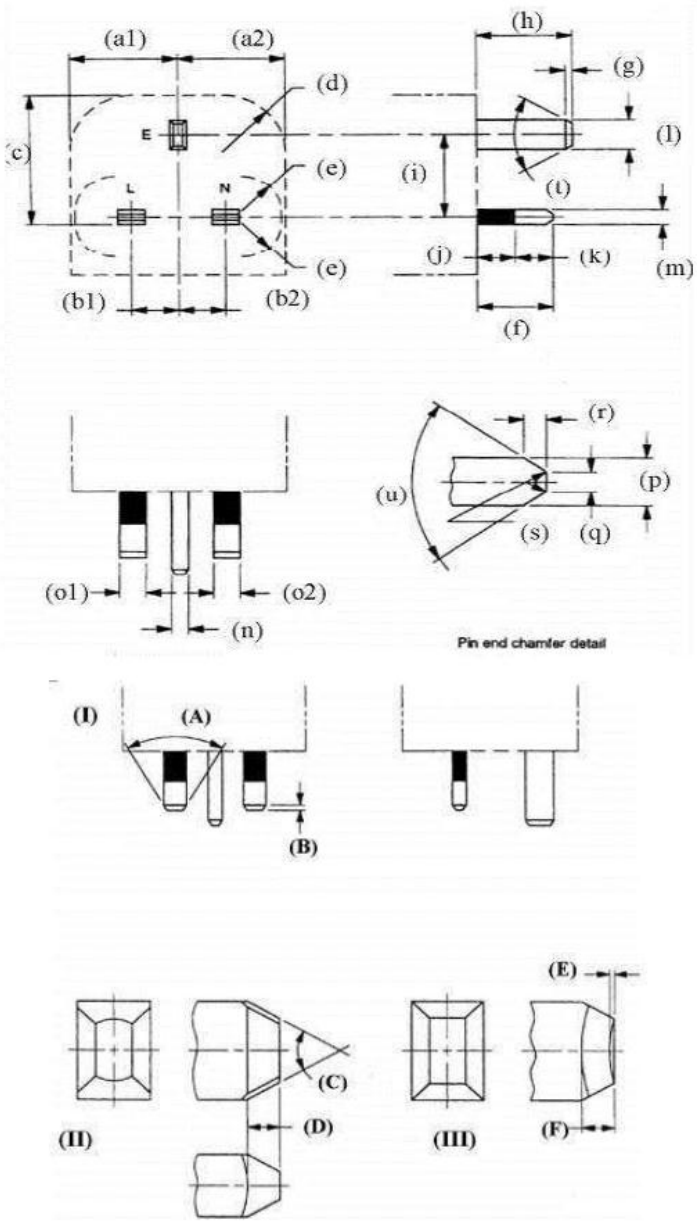
Attachment No.1 Dimensions measurement of plugs and sockets

9	TABLE: Dimensional measurement for UK plug of BS 1363-1				P
Locations	Size (mm)	Tolerance (mm)	Measured (for both L and N pins, if applicable) (mm)		
--	--	--	Sample No.: 1	Sample No.: 2	Sample No.: 3
a1	25.37	max.	Pass	Pass	Pass
a2	25.37	max.	Pass	Pass	Pass
b1	11.05 – 11.18		Pass	Pass	Pass
b2	11.05 – 11.18		Pass	Pass	Pass
c	34.6	max.	Pass	Pass	Pass
d	R 15	min.	Pass	Pass	Pass
e	9.5	min.	10.02	10.01	10.01
f	17.7	±0.5	17.47 / 17.42	17.41 / 17.43	17.49 / 17.41
g	1.6	±0.25	1.77	1.75	1.78
h	22.73	±0.5	22.31	22.32	22.34
i	22.23	±0.13	Pass	Pass	Pass
j	9.5	max.	8.64 / 8.61	8.67 / 8.62	8.63 / 8.61
k	9.2	max.	8.89 / 8.87	8.85 / 8.83	8.84 / 8.82
l	7.75 – 8.05		8.02	8.03	8.01
m	3.90 – 4.05		3.99 / 3.99	3.99 / 3.98	3.99 / 3.99
n	3.90 – 4.05		4.01	4.00	3.99
o1	6.35	±0.13	6.26 – 6.29	6.26 – 6.30	6.26 – 6.29
o2	6.35	±0.13	6.27 – 6.31	6.27 – 6.31	6.27 – 6.31
q	1.2 – 2.0		1.32 / 1.45 / 1.47	1.33 / 1.48 / 1.47	1.32 / 1.46 / 1.48
r	1.6	±0.25	1.42 / 1.63 / 1.61	1.43 / 1.65 / 1.64	1.44 / 1.64 / 1.63
s	R 0.1 – 1.0		Pass	Pass	Pass
u	60°–80°		76.55 / 75.59 / 75.42	76.35 / 74.11 / 73.94	76.57 / 74.66 / 74.08
t	60°	±2°	60.44	60.42	60.41
(I) Permitted additional chamfers on L and N pins used? (Yes/No)					Yes
A	60°	±2°	59.75 / 60.46	58.92 / 59.32	60.08 / 59.82
B	1.6	±0.25	1.61 / 1.63	1.63 / 1.61	1.62 / 1.63
(II) Alt. method of forming main chamfer on pin ends used? (Yes/No)					Yes
C	60°	±2°	59.76 / 60.48	58.91 / 59.27	60.12 / 59.84
D	1.6	±0.25	1.61 / 1.63	1.63 / 1.61	1.62 / 1.63

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Attachment No.1 Dimensions measurement of plugs and sockets

(III)					Yes
E	0.2	max.	--	--	--
F	1.6	±0.25	--	--	--

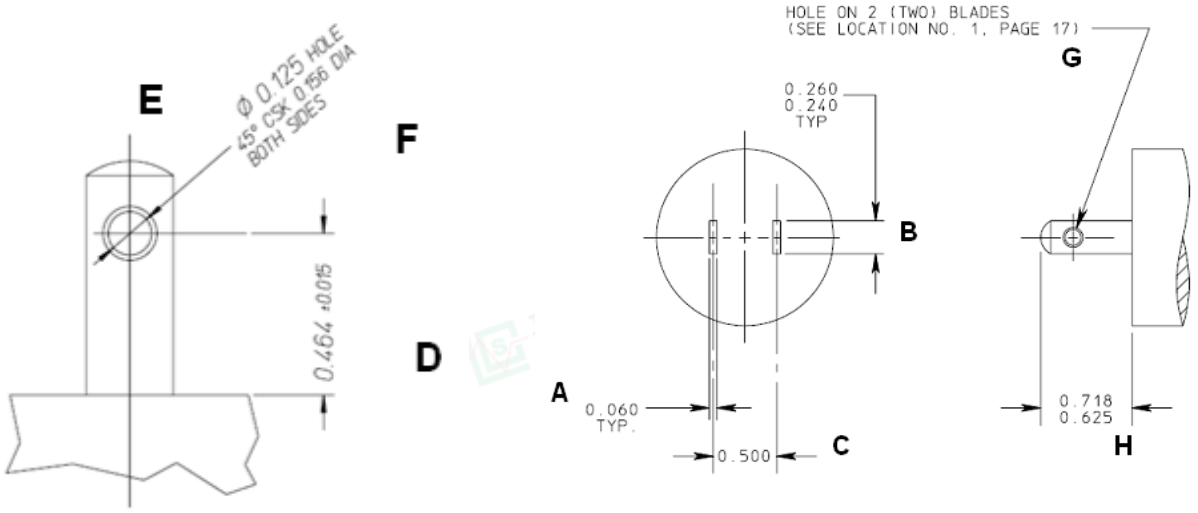


Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

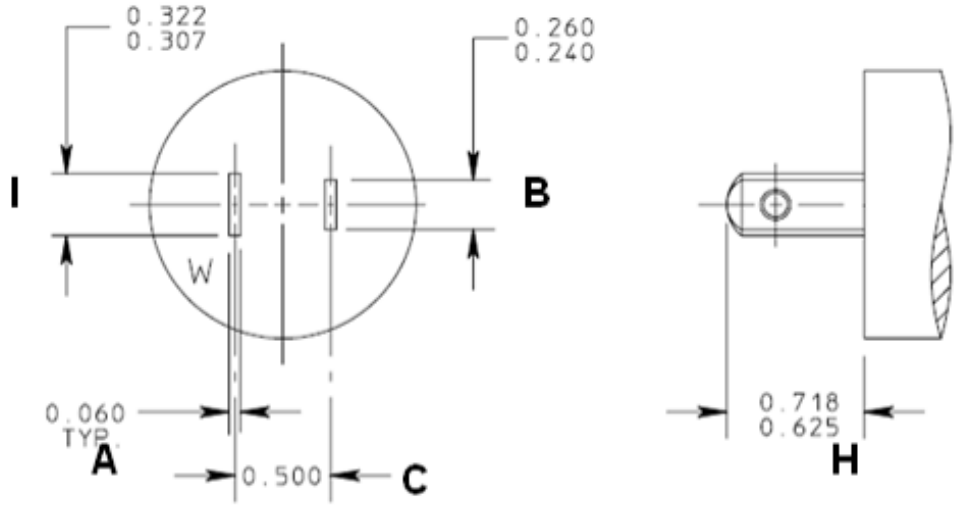
Attachment No.1 Dimensions measurement of plugs and sockets

US plug dimensions measurement according to ANSI/NEMA WD 6, NEMA 1-15P:

Unit: inch



NON-POLARIZED PLUG



POLARIZED PLUG

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Attachment No.1 Dimensions measurement of plugs and sockets

North American integrated plug according to ANSI/NEMA WD 6, FIGURE 1-15

Part No.	Dimensions	Measurement (mm)	Limit (mm)	Verdict
☒ **Non Polarity only**				
A.	Thickness of live pin	1.54	1.52 (TYP.) (1.393 – 1.647)	P
B.	Width of live pin	6.32	6.10 – 6.60	P
C.	Distance between two live pins (centre)	12.75	12.7 (12.573 – 12.827)	P
D.	Distance between hole centre and plug face (if hole used)	11.51	11.405 – 12.167	P
E.	Outer diameter of hole (if hole used)	3.87	3.962 (3.835 – 4.089)	P
F.	Inner diameter of hole (if hole used)	3.24	3.175 (3.048 – 3.302)	P
G.	Configurations using	--	Standard Sheet 1-15	P
H.	Length of live pins	17.17	15.88 – 18.24	P
☐ **Polarity only**				
A.	Thickness of live pin	---	1.52 (TYP.) (1.393 – 1.647)	N/A
B.	Width of live pin	---	6.10 – 6.60	N/A
C.	Distance between two live pins (centre)	---	12.7 (12.573 – 12.827)	N/A
D.	Distance between hole and plug face (if hole used)	---	11.405 – 12.167	N/A
E.	Outer diameter of hole (if hole used)	---	3.962 (3.835 – 4.089)	N/A
F.	Inner diameter of hole (if hole used)	---	3.175 (3.048 – 3.302)	N/A
G.	Configurations using	---	Standard Sheet 1-15	N/A
H.	Length of live pins	---	15.88 – 18.24	N/A
I.	Width of live pin	---	7.80 – 8.18	N/A

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Attachment No.1 Dimensions measurement of plugs and sockets

7	Table: Dimension of EU plug of EN 50075			P
Location	Sample A	Sample B	Sample C	Limit (mm)
A	26.54	26.51	26.51	26.1 ± 0.5
B	13.04	13.05	13.05	13.7 ± 0.7
C	34.91	34.95	34.92	35.3 ± 0.7
D	18.69	18.65	18.64	19 ± 0.5
E	3.99	4.01	4.01	Ø4.0 ± 0.06
F	3.67	3.64	3.63	Ø3.8 Max.
F	3.88	3.91	3.90	Ø4.0 Max.*3
F	3.88	3.90	3.91	4 Max. *3
G	10.32	10.34	10.35	10-11
a1	18.69	18.65	18.66	18-19.2*2
a2	17.12	17.14	17.15	17-18*2
H	--	--	--	4 Min.
I	5.21	5.26	5.24	R5-R6
J	45.0	45.0	45.0	---
Alternative for end of pins				
K	--	--	--	Ø0.7- Ø1.7
L	--	--	--	90° Max.
M	--	--	--	2 Max.

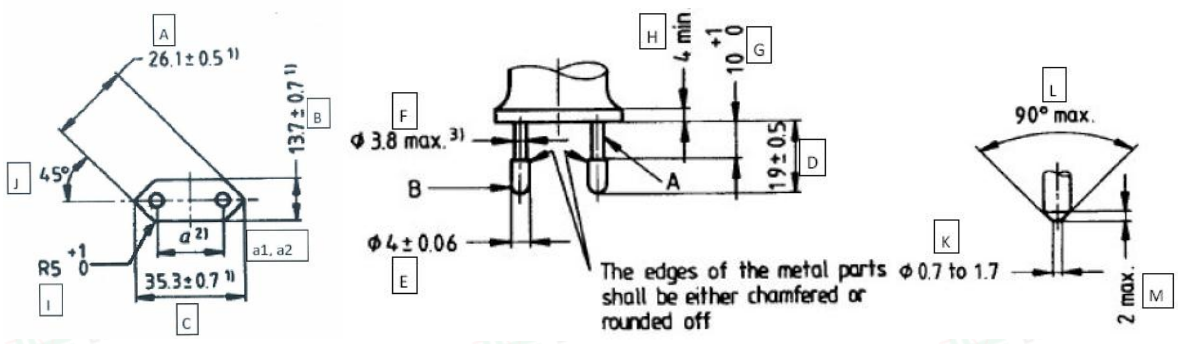
Note

****1: These dimension shall not exceeded within a distance of 18mm from the engagement face of plug.***

****2: a1: in the plane of the engagement face, a2: at the ends of pins.***

****3: This dimension maybe increased to 4mm within a distance of 4mm from engagement face of plug.***

Remark: see diagram 1 for details of location of measurement.



Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Attachment No.1 Dimensions measurement of plugs and sockets

Socket dimensions comply with GB 1002-2008:

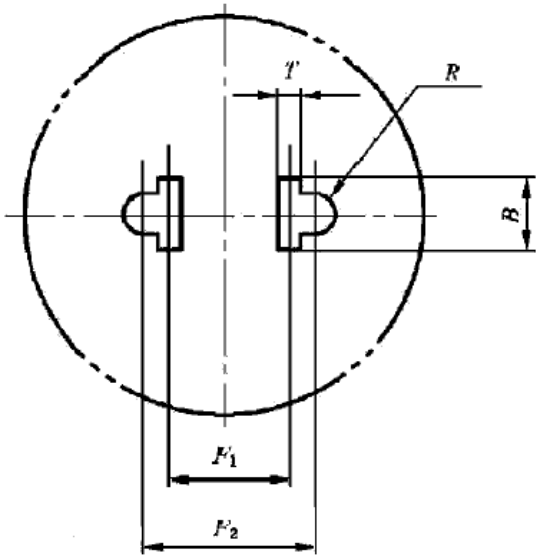


图 5 单相两极双用插座

Location	F1	F2	T	B	R
Limit (mm)	12.7±0.14	19±0.17	$2.0^{+0.14}_{0}$	$7.3^{+0.22}_{0}$	$2.8^{+0.14}_{0}$
Measured (mm)	12.74	19.14	2.12	7.35	2.86

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Attachment No.2 Components list

Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Mark(s) of conformity
Enclosure	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	AC3600	PC, V-0, Thickness: 2.0 mm	UL (E162823) Tested with appliance
Fuse	Dongguan Ubill Electrical Co., Ltd	UBL8808	10 A, 240V a.c.	ASTA Licence No.: 1204
Plug pins	Dongguan Qianyi Metal material Co., Ltd	C2680	Copper alloy, Cu≥63.5%, Thickness: 0.6 mm	Tested with appliance
Pin sleeve	GINAR TECHNOLOGY CO LTD	A0520FN(+)	PA66, V-0	UL (E154352) Tested with appliance
Socket contacts	Dongguan Qianyi Metal material Co., Ltd	C5191	Copper alloy, Cu>92%, Thickness: 0.7 mm	Tested with appliance
Live parts carrier	GINAR TECHNOLOGY CO LTD	A0520FN(+)	PA66, V-0	UL (E154352) Tested with appliance
Shutter	GINAR TECHNOLOGY CO LTD	A0520FN(+)	PA66, V-0	UL (E154352) Tested with appliance
Fuse cover	GINAR TECHNOLOGY CO LTD	A0520FN(+)	PA66, V-0	UL (E154352) Tested with appliance
USB power supply unit	Dongguan Best Travel Electronics Co., Ltd.	--	Input: 100-250V~, 50-60Hz, See BS EN IEC 62368-1 test report for rated input current Output: See BS EN IEC 62368-1 test report	Ref. test reports No.: LCSA032723063S, LCSA032723071S, LCSA032723087S, LCSA032723079S, LCSA032723097S and LCSA032723105S
Remark:				

Shenzhen LCS Compliance Testing Laboratory Ltd.
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com
Scan code to check authenticity

Attachment No.3 Photo Documentation

Figure 1 External View (for model 636QD) (white)

Figure 2 External View (for model 636QD) (white)

Attachment No.3 Photo Documentation

Figure 3 External View (for model 636QD) (white)

Figure 4 External View (for model 636QD) (white)

Attachment No.3 Photo Documentation

Figure 5 External View (for model 636QD) (white)

Figure 6 Internal View (for model 636QD) (white)

Attachment No.3 **Photo Documentation**

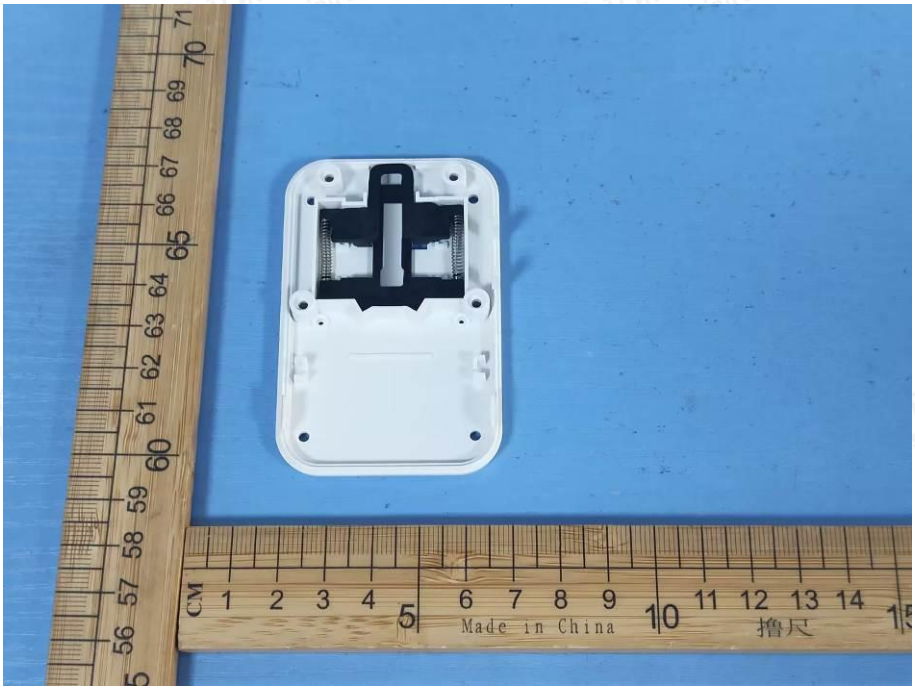


Figure 7 Internal View (for model 636QD) (white)

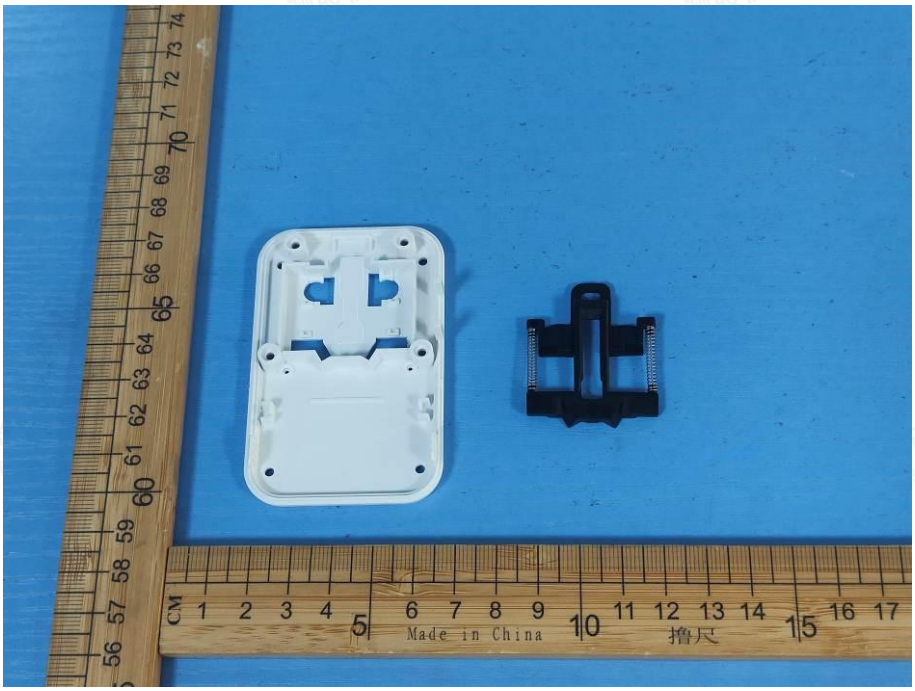


Figure 8 Internal View (for model 636QD) (white)

Attachment No.3 Photo Documentation

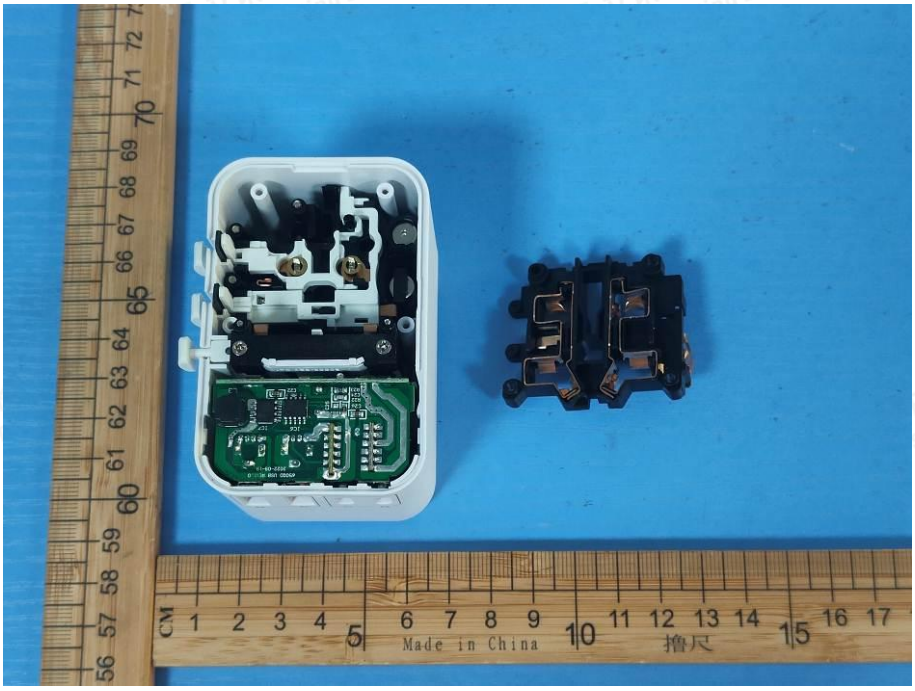


Figure 9 Internal View (for model 636QD) (white)

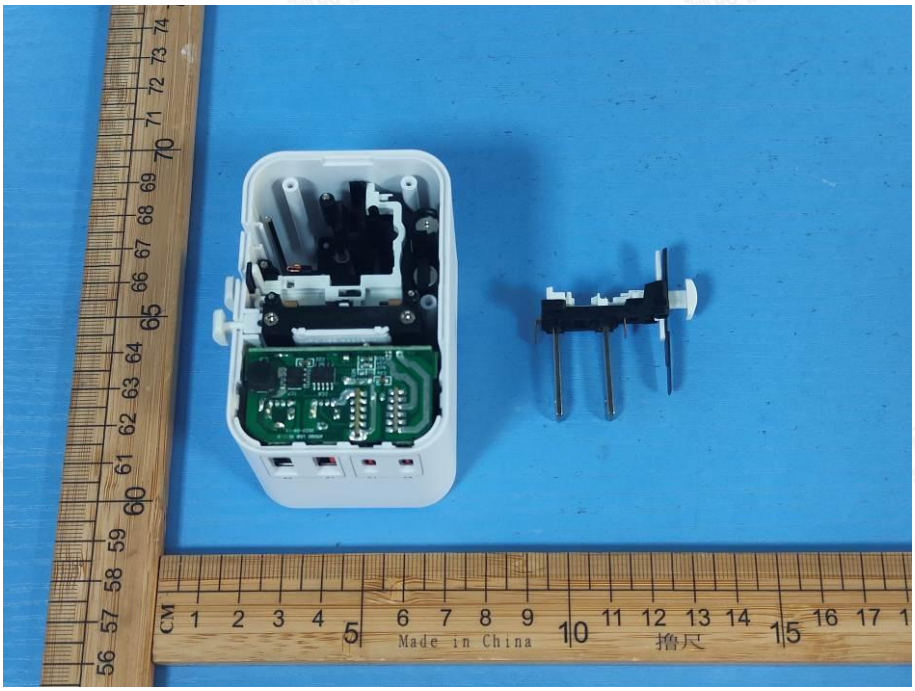


Figure 10 Internal View (for model 636QD) (white)

Attachment No.3 Photo Documentation

Figure 11 Internal View (for model 636QD) (white)

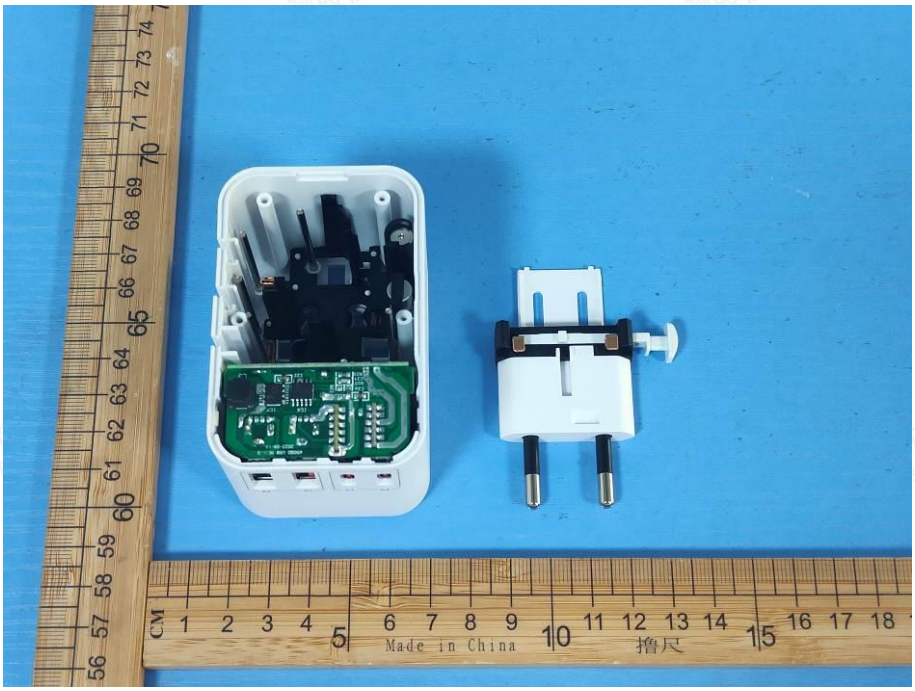


Figure 12 Internal View (for model 636QD) (white)

Attachment No.3 Photo Documentation

Figure 13 Internal View (for model 636QD) (white)

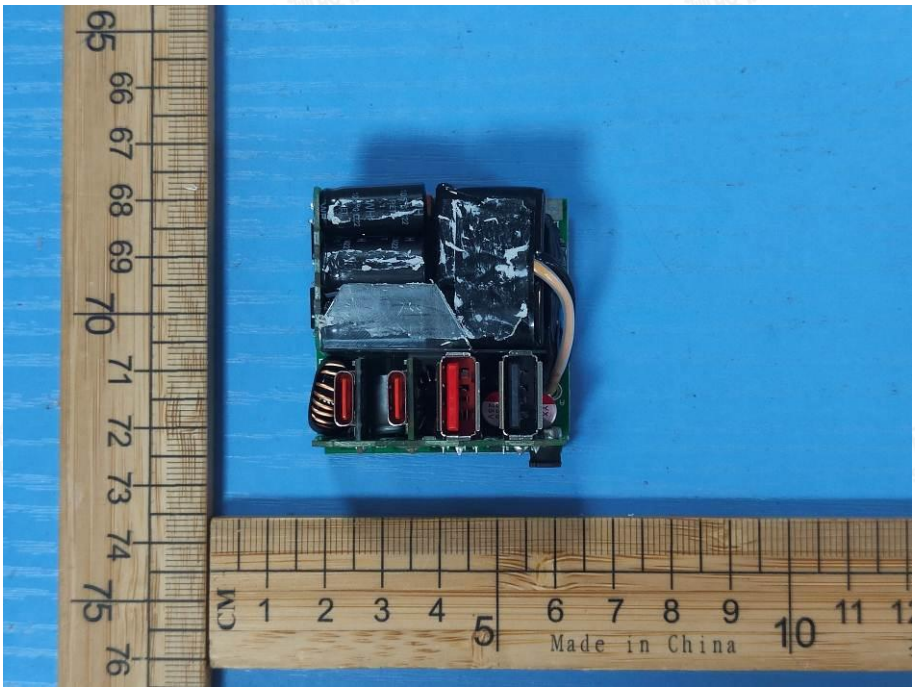


Figure 14 PCB View for USB power supply (for model 636QD)

Attachment No.3 Photo Documentation

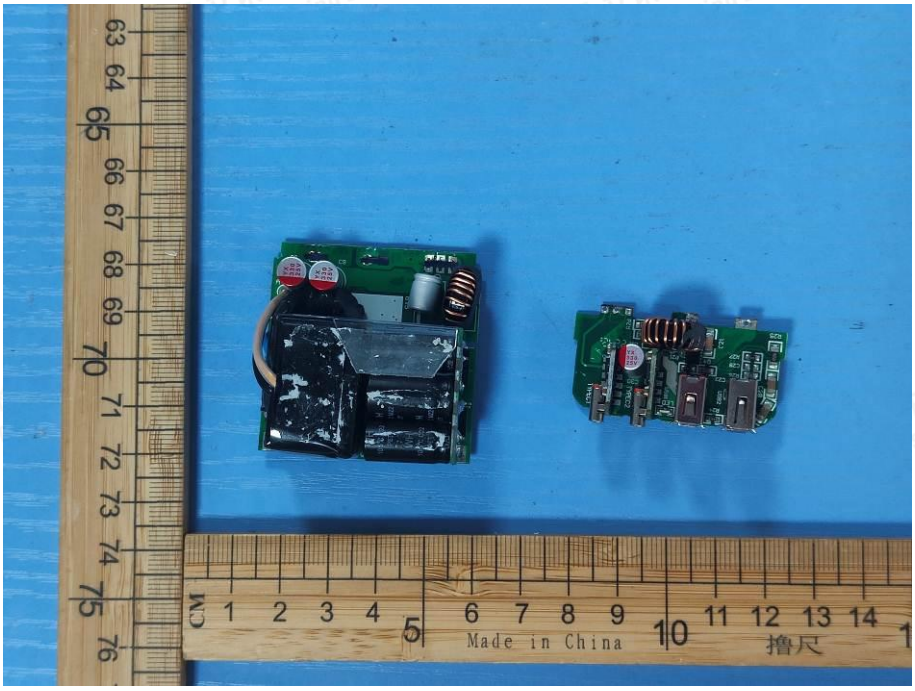


Figure 15 PCB View for USB power supply (for model 636QD)

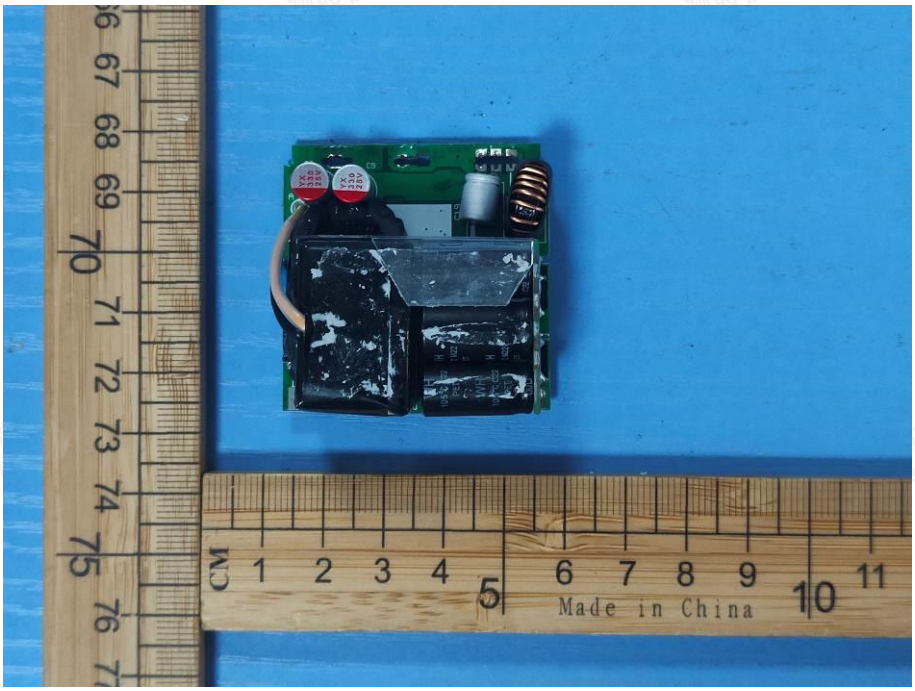


Figure 16 PCB View for USB power supply (for model 636QD)

Attachment No.3 Photo Documentation

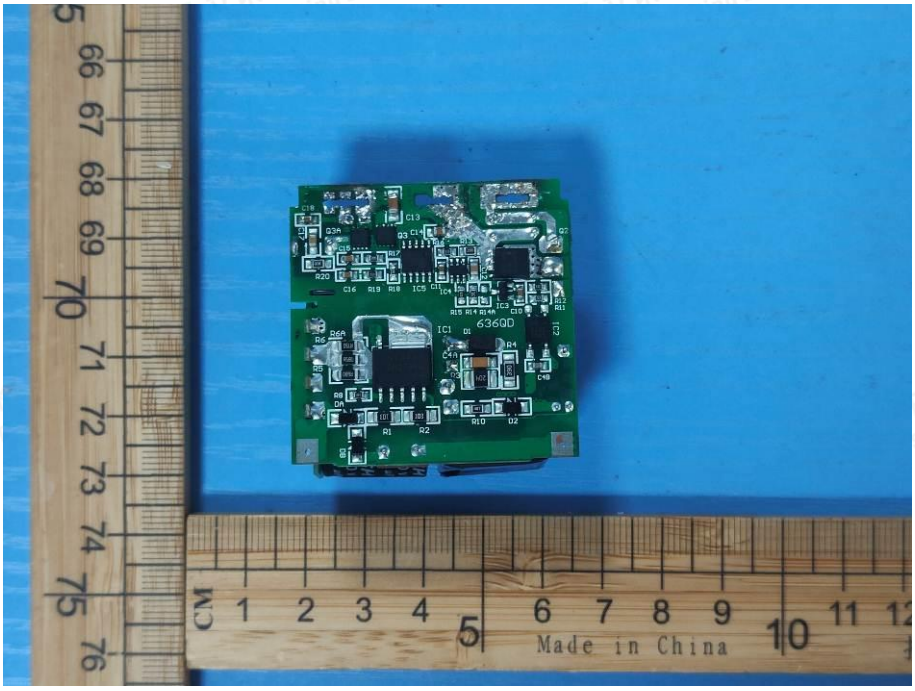


Figure 17 PCB View for USB power supply (for model 636QD)

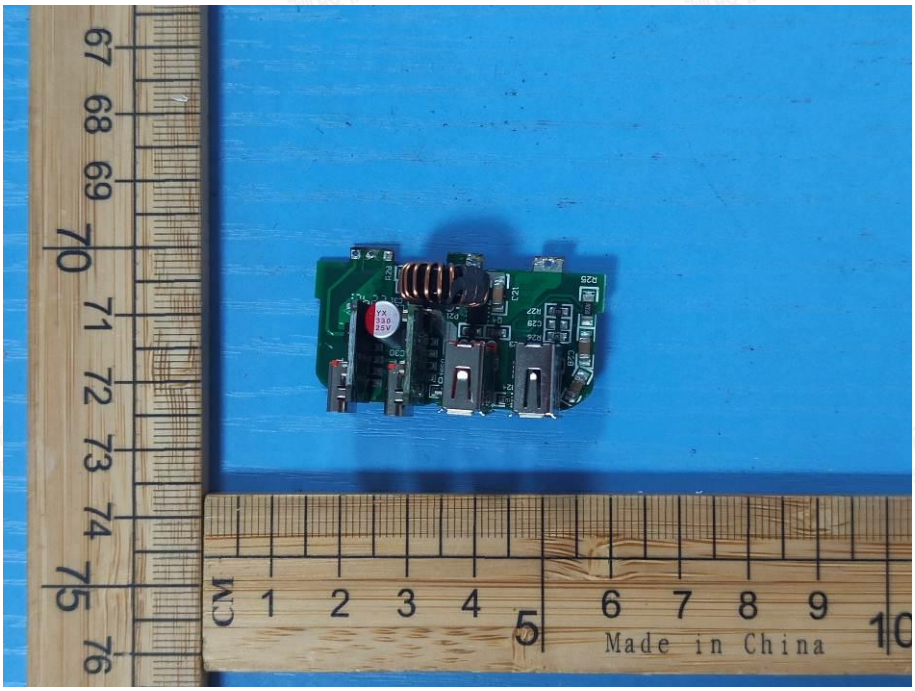


Figure 18 PCB View for USB power supply (for model 636QD)

Attachment No.3 Photo Documentation

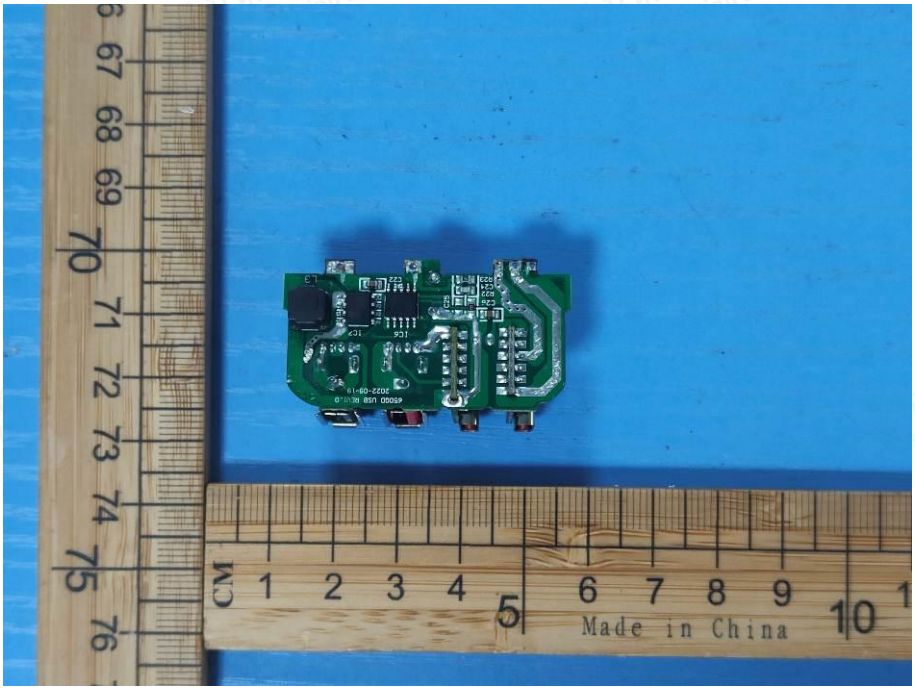


Figure 19 PCB View for USB power supply (for model 636QD)

Figure 20 Alternative external View (for model 636QD) (black)

Attachment No.3 Photo Documentation

Figure 21 Alternative external View (for model 636QD) (black)

Figure 22 Alternative external View (for model 636QD) (black)

Attachment No.3 Photo Documentation

Figure 23 Alternative external View (for model 636QD) (black)

Figure 24 External View (for model 651FC)

Attachment No.3 Photo Documentation

Figure 25 External View (for model 651FC)

Figure 26 External View (for model 651FC)

Attachment No.3 Photo Documentation

Figure 27 External View (for model 651FC)

Figure 28 External View (for model 651UC)

Attachment No.3 Photo Documentation

Figure 29 External View (for model 651UC)

Figure 30 External View (for model 651UC)

Attachment No.3 Photo Documentation

Figure 31 External View (for model 651UC)

Figure 32 External View (for model 651FV)

Attachment No.3 Photo Documentation

Figure 33 External View (for model 651FV)

Figure 34 External View (for model 651DC)

Attachment No.3 Photo Documentation

Figure 35 External View (for model 651DC)

Figure 36 External View (for model 651DC)

Attachment No.3 Photo Documentation

Figure 37 External View (for model 651DC)

Figure 38 External View (for model 651DC PRO)

Attachment No.3 Photo Documentation

Figure 39 External View (for model 651DC PRO)

Figure 40 External View (for model 651DC PRO)

Attachment No.3 Photo Documentation

Figure 41 External View (for model 651DC PRO)

Figure 42 External View (for model 651DF)

Attachment No.3 Photo Documentation

Figure 43 External View (for model 651DF)

Figure 44 External View (for model 651DF)

Attachment No.3 Photo Documentation

Figure 45 External View (for model 651DF)

Figure 46 External View (for model 637DQ)

Attachment No.3 Photo Documentation

Figure 47 External View (for model 637DQ)

Figure 48 External View (for model 637DQ)

Attachment No.3 Photo Documentation

Figure 49 External View (for model 637DQ)

--- END OF TEST REPORT ---