AUTHORIZATION TO MARK

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

Applicant:	Shenzhen Flypower Technology Co., Ltd	**Manufacturer:**	Shenzhen Flypower Technology Co., Ltd
Address:	A2nd Building, Haosan Linpokeng 2nd Industry Zone, Nanpu Rd., Shajing, Baoan District, SHENZHEN Guangdong 518100 CHINA	**Address:**	A2nd Building, Haosan Linpokeng 2nd Industry Zone, Nanpu Rd., Shajing, Baoan District, SHENZHEN Guangdong 518100 CHINA
Country:	China	**Country:**	China
Contact:	Sally Wang	**Contact:**	Sally Wang
Phone:	0755-33880922	**Phone:**	0755-33880922
FAX:	0755-33866802	**FAX:**	0755-33866802
Email:	wangyu@flysz.net	**Email:**	wangyu@flysz.net

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch

Control Number: *4007565* **Authorized by:**

for Dean Davidson, Certification Manager

This document supersedes all previous Authorizations to Mark for the noted Report Number.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

Standard(s):	Information Technology Equipment – Safety – Part 1: General Requirements UL 60950-1, 2nd Edition, Dated March 27, 2007, Revision October 14, 2014 CSA-C22.2 No. 60950-1-07, 2nd Edition, Dated March 27, 2007, October 14, 2014
Product:	Switching Adapter
Brand Name:	FLY POWER
Models:	PS06ExxxKyyyyUD("xxx"=030-240, "yyyy"=0010-1200)

Listing Constructional Data Report (CDR)

1.0 Reference and Address			
Report Number	160706028SZN-001	Original Issued: 1-Aug-2016	Revised: None
Standard(s)	Information Technology Equipment – Safety – Part 1: General Requirements UL 60950-1, 2nd Edition, Dated March 27, 2007, Revision October 14, 2014 CSA-C22.2 No. 60950-1-07, 2nd Edition, Dated March 27, 2007, October 14, 2014		
Entirely Replaces Report Number	160527003GZU-001		
Applicant	Shenzhen Flypower Technology Co., Ltd	Manufacturer	**Shenzhen Flypower Technology Co., Ltd**
Address	A2nd Building, Haosan Linpokeng 2nd Industry Zone, Nanpu Rd., Shajing, Baoan District, SHENZHEN Guangdong 518100 CHINA	Address	A2nd Building, Haosan Linpokeng 2nd Industry Zone, Nanpu Rd., Shajing, Baoan District, SHENZHEN Guangdong 518100 CHINA
Country	China	Country	China
Contact	Sally Wang	Contact	Sally Wang
Phone	0755-33880922	Phone	0755-33880922
FAX	0755-33866802	FAX	0755-33866802
Email	wangyu@flysz.net	Email	wangyu@flysz.net

2.0 Product Description	
Product	Switching Adapter
Brand name	FLY POWER
Description	The product covered by this report is a Swithing Adapter with direct plug-in type, intended for using at the overvoltage category II and pollution degree 2 circumstances, for indoor use only. The transformer used for the product include two construction: Construction 1 and construction 2 (See section 3.0 and section 7.0 for details of the difference between two construction) Relevant Technical consideration： -Equipment mobility: Direct plug-in -Operating condition: Continuous -Connection to the mains: Pluggable equipment, type A -Access location: operator accessible -Over voltage category(OVC): OVC II -Mains supply tolerance (%): +10%, -10% -Considered current rating of protective device as part of the building installation(A): 20A -Pollution degree (PD): PD2 -IP protection class: IP X0 -Altitude of operation (m): up to 2000 meters -Mass of equipment (kg): 0.057Kg -Maximum ambient temperature: 40°C -The equipment disconnected device is considered to be plug
Models	PS06ExxxKyyyyUD("xxx"=030-240, "yyyy"=0010-1200)
Model Similarity	PS06ExxxKyyyyUD("xxx"=030-240, "yyyy"=0010-1200) "xxx"=030 - 240, three digits indicate the output voltage from 3V to 24Vdc, rising in step of 0.1V. "yyyy"=0010-1200, four digits indicate the output current from 10mA to 1200mA, rising in step of 10mA All models are identical to each other except for the output rating, transformer secondary winding and some uncritical component for different output rating. All model has two kinds of enclosure and the circuit as follow: Circuit structure 1: with internal input wire. Circuit structure 2: without internal input wire.
Ratings	Input:100-240V,50/60Hz, 0.25A, Class II Output: 3-24Vdc, 0.01-1.2A, 6W max.
Other Ratings	N/A

3.0 Product Photographs

Photo 1 - Overall view-1 of the unit

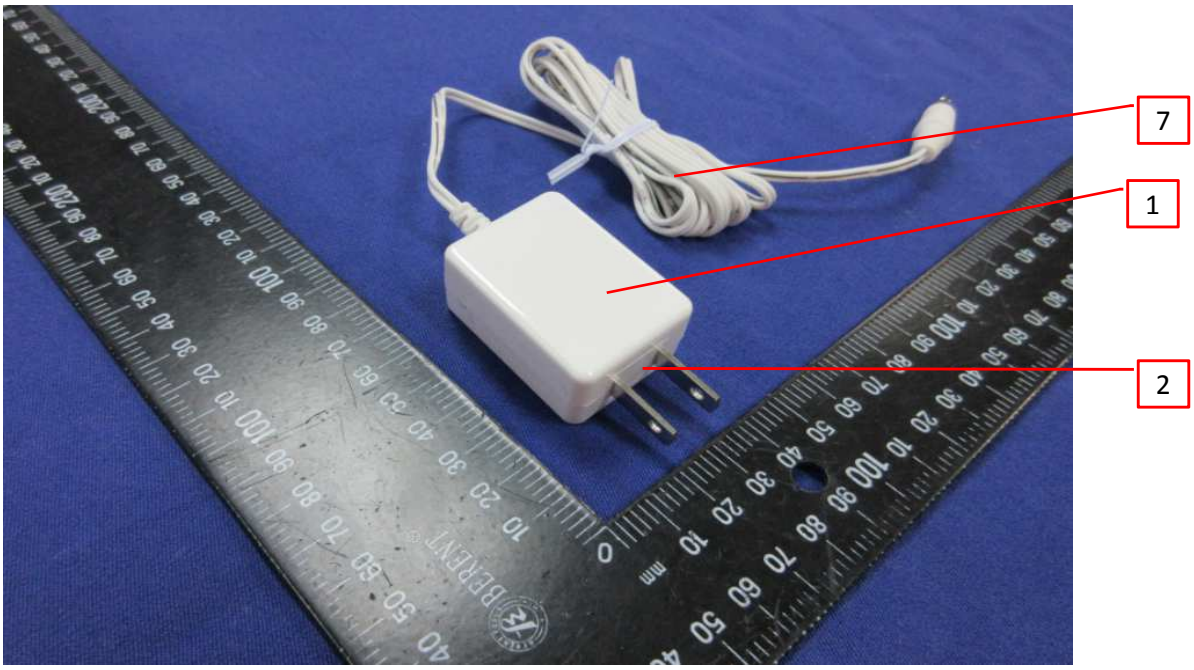
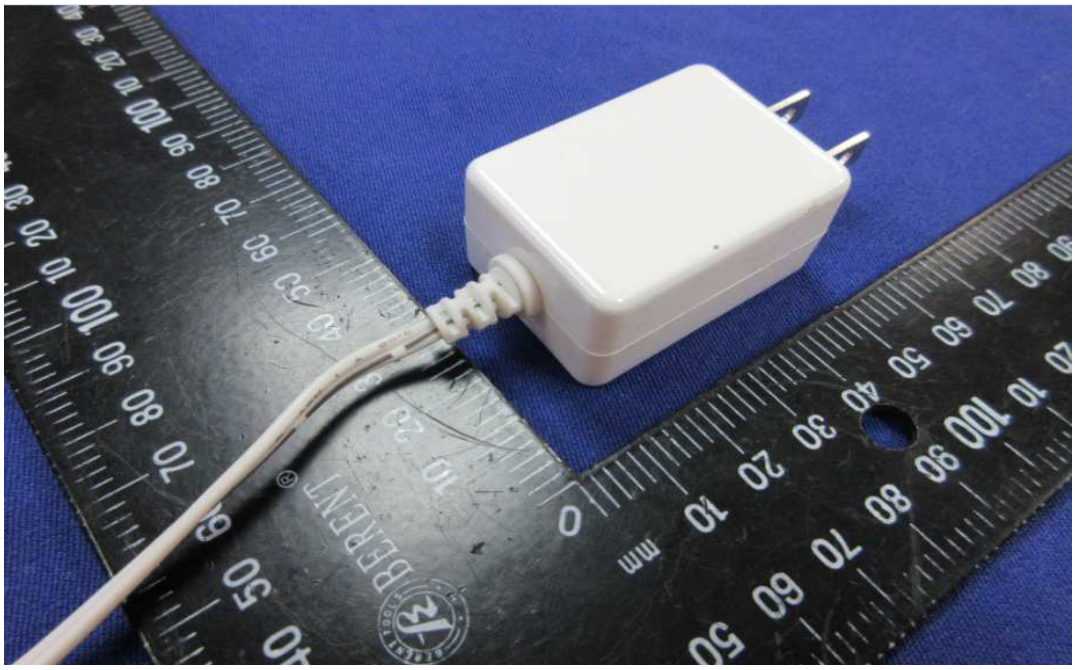


Photo 2 - Overall view-2 of the unit



3.0 Product Photographs

Photo 3 - Overall view-3 of the unit

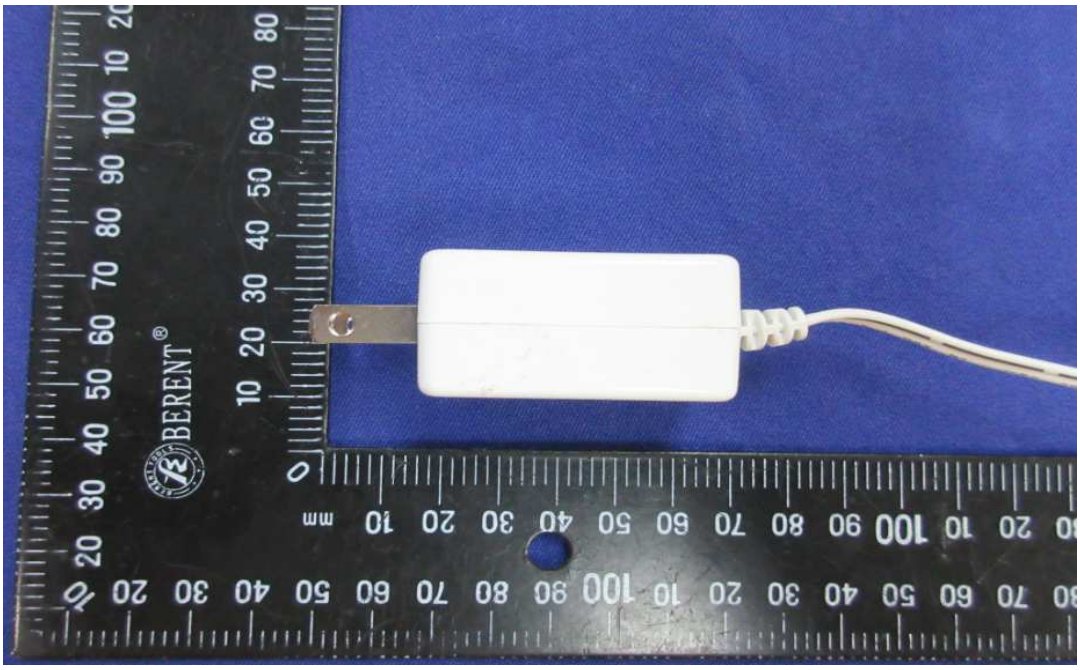


Photo 4 - Overall view-1 of the unit(alternative enclosure)

3.0 Product Photographs

Photo 5 - Overall view-2 of the unit(alternative enclosure)

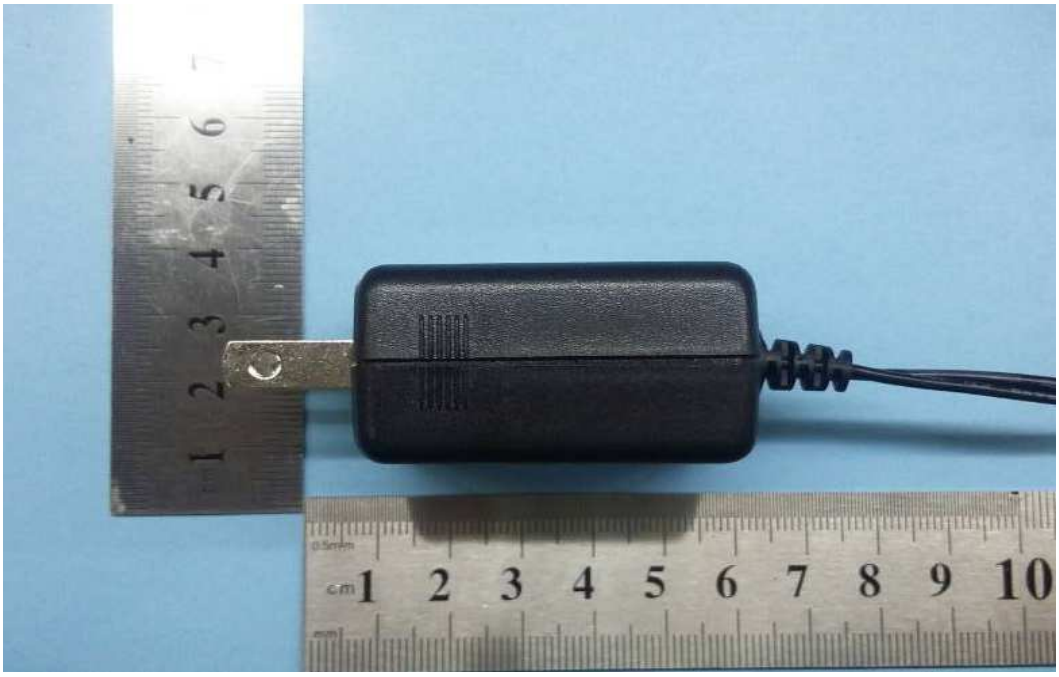
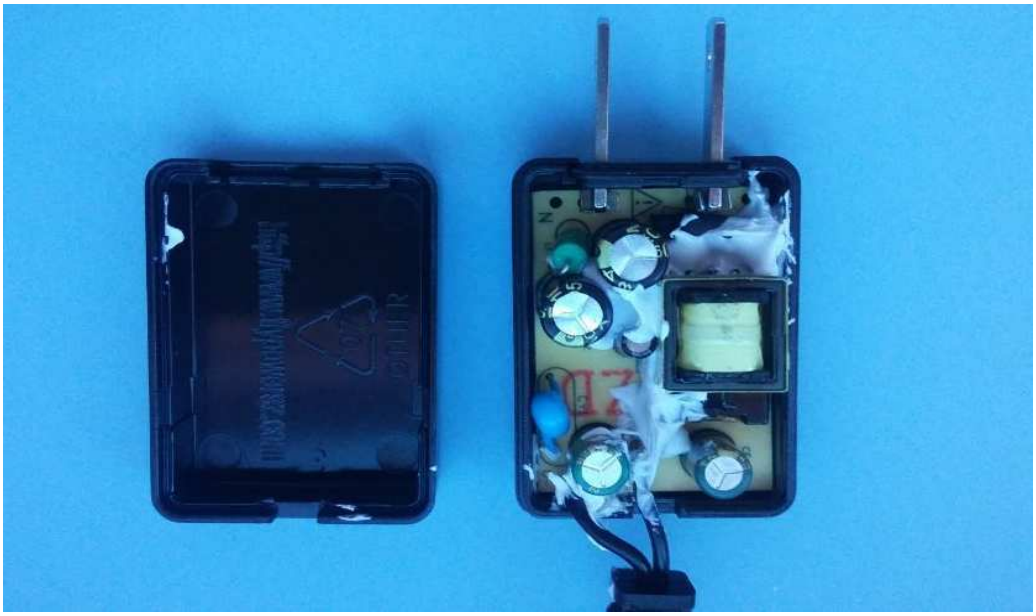


Photo 6 - Internal view of the unit without input wire (Optional used for CY1)



3.0 Product Photographs

Photo 7 - Component side view ofPCB for the unit without input wire (Optional used for CY1)

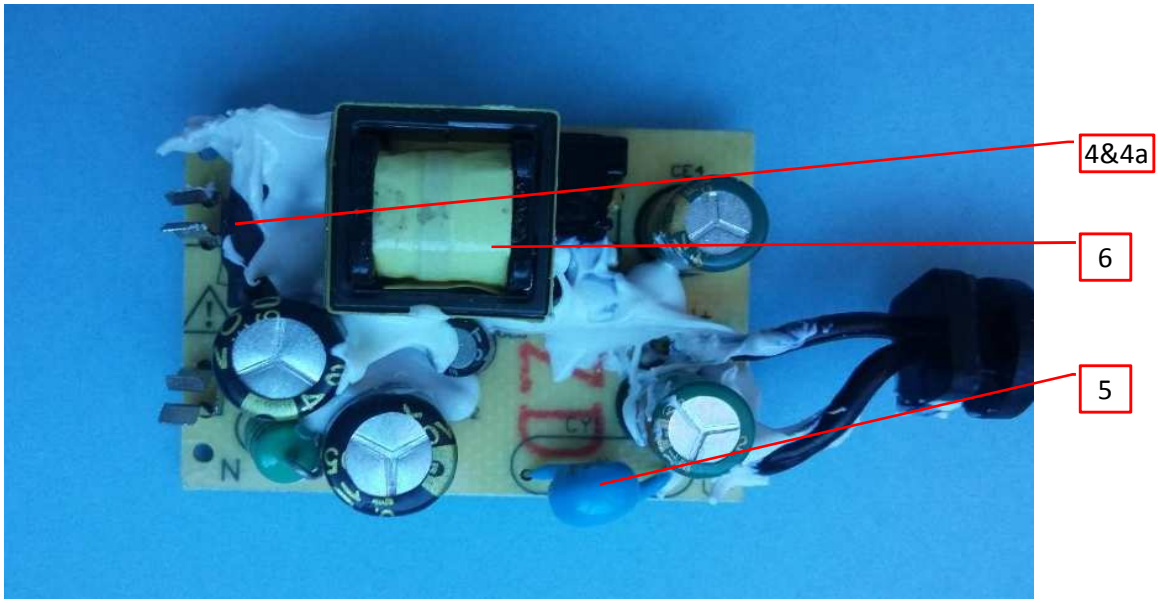
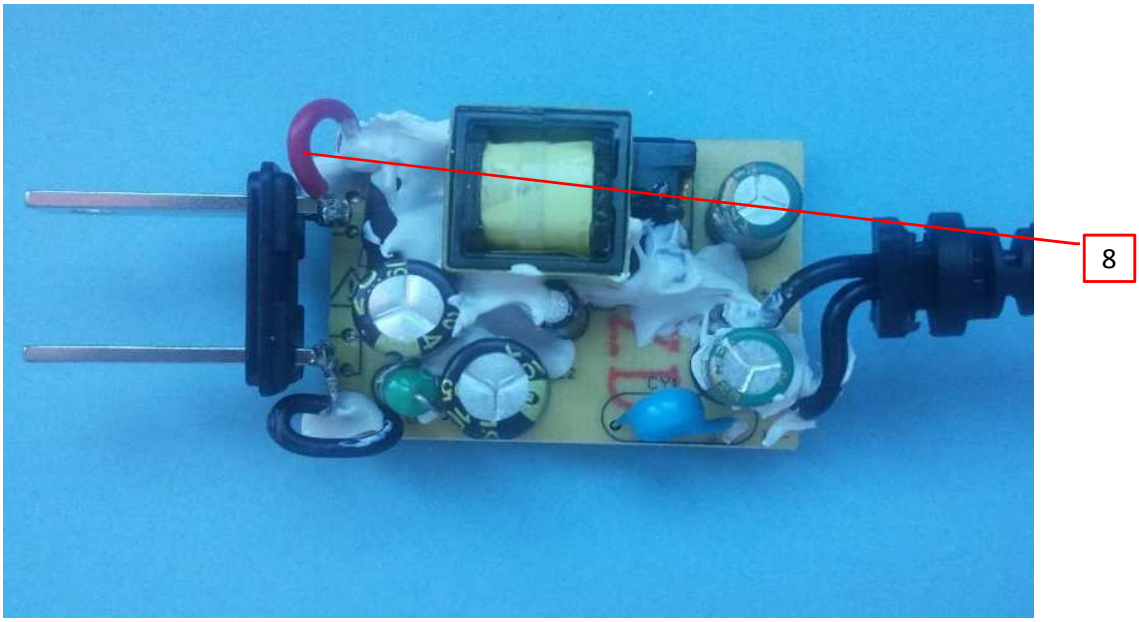


Photo 8 - Internal view of the unit with input wire and CY1



3.0 Product Photographs

Photo 9 - Soldering side view of the PCB

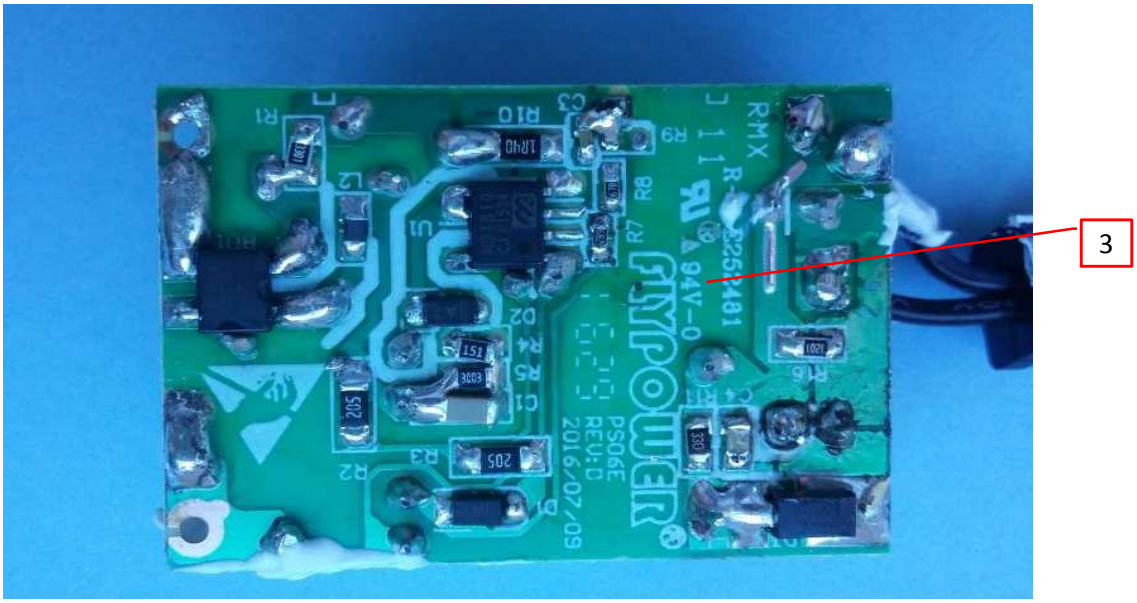
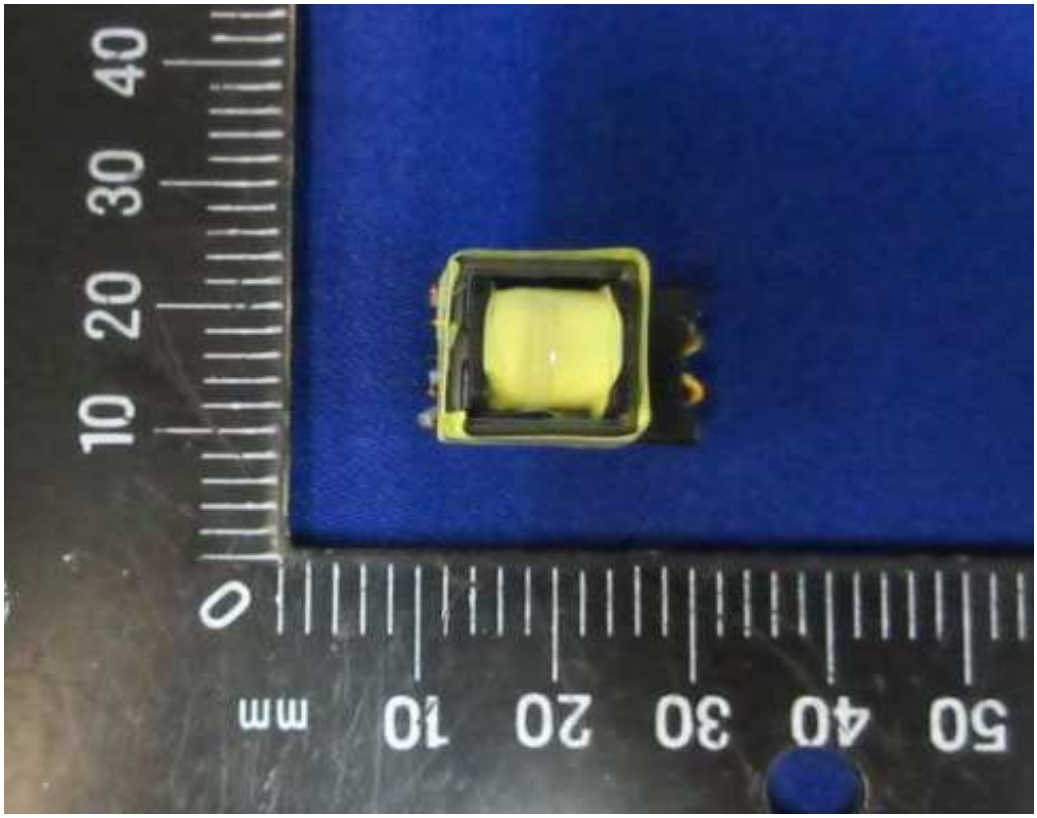


Photo 10 - Top view of transformer



3.0 Product Photographs

Photo 11 - Bottom view of transformer (Construction 1)

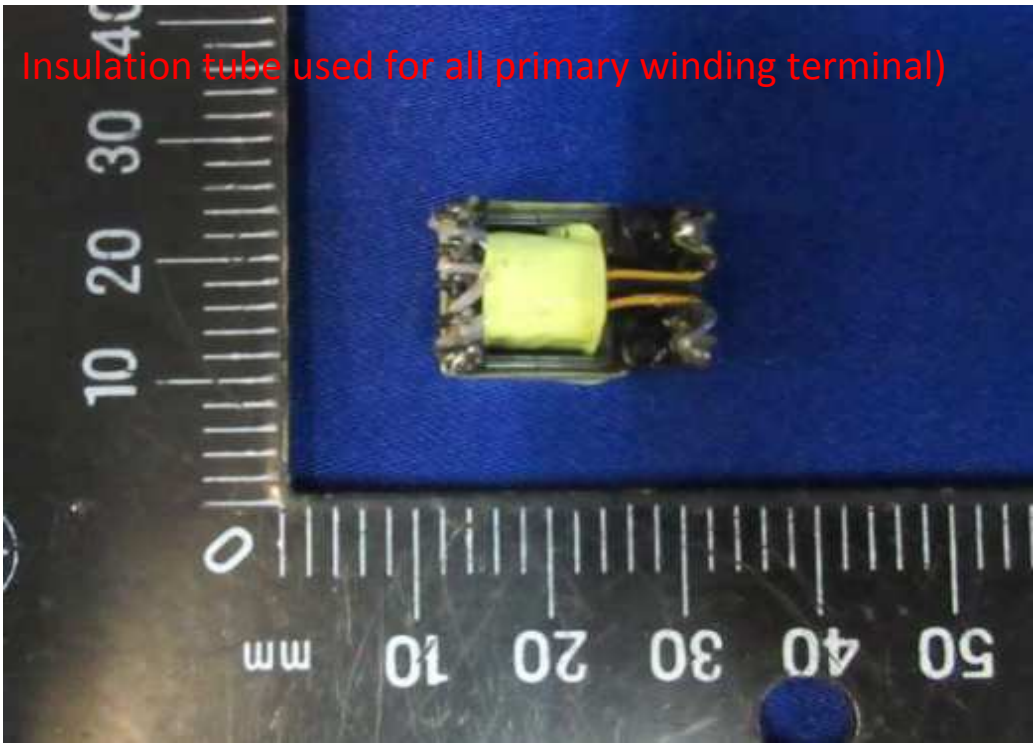
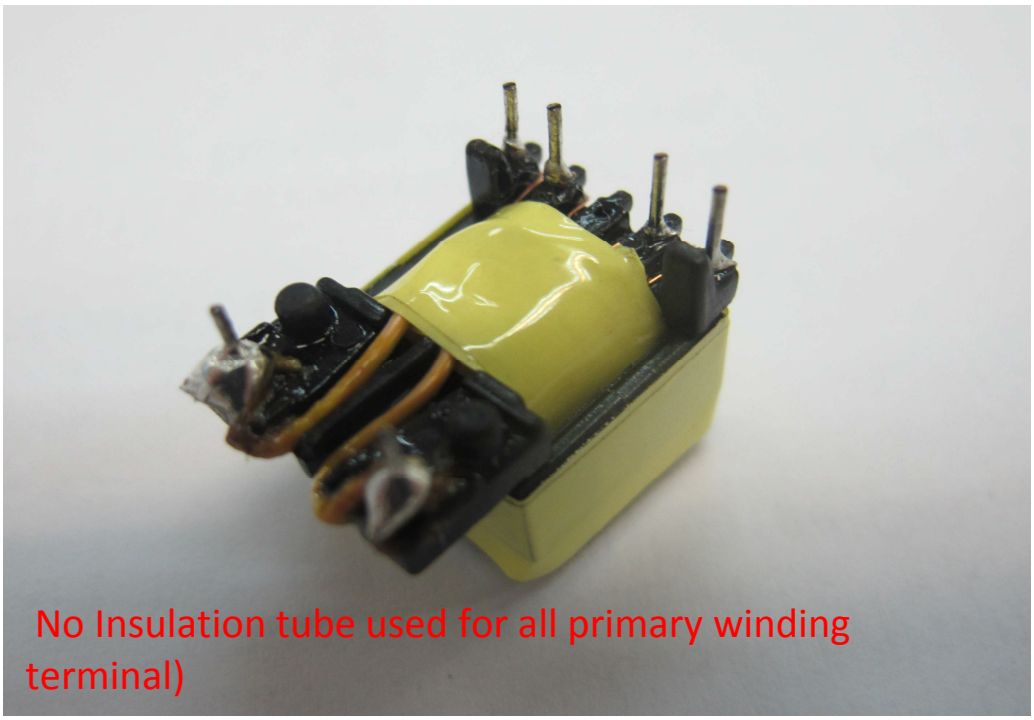
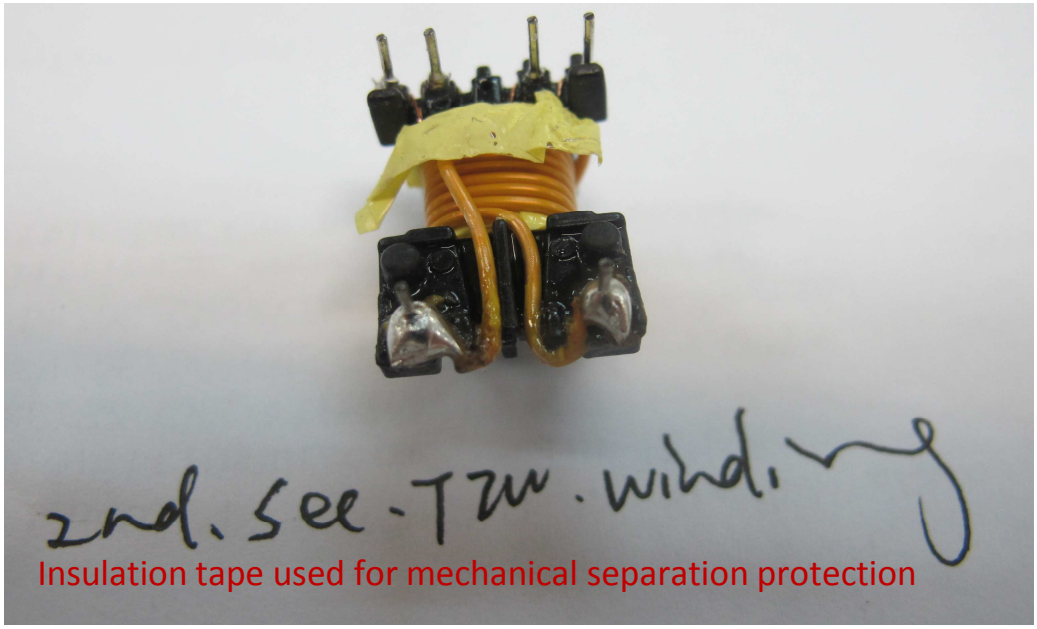


Photo 12 - Bottom view of transformer (Construction 2)



3.0 Product Photographs

Photo 13 - Internal view of transformer (Construction 2)



4.0 Critical Components						
Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
1	1	Plastic enclosure (main part) & Plug holder	SABIC INNOVATIVE PLASTICS B V	940(f1)	Rated V-0, 120°C, min. thick. 1.5 mm	cURus
1	2	Plug holder	SABIC INNOVATIVE PLASTICS B V	940(f1)	Rated V-0, 120°C	cURus
9	3	PCB	DONGGUAN DONGHONGXIN ELECTRONICS CO LTD	DHX-2C	Rated V-0, 130°C, complied with UL 796	UR
			Various	Various		
5	4	Fuse resistor (FR1)	Shenzhen Great Electronics Co. Ltd.	RXF	3.3Ω,1 W	NR
			Anhui Changsheng Electronics Co., Ltd.	RXF21-1W	3.3Ω,1 W	NR
			JIEYANG MADEFORCE ELECTRONIC CO LTD	RX21-1W	3.3Ω,1 W	NR
			SHENZHEN YINGFA ELECTRONICS CO LTD	RXF-1WS	3.3Ω,1 W	NR
5	4a	Heat-shrinkable tube on FR1	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO	RSFR-H	Rated min. 600V, VW-1, min. 125 °C.	cURus
5	5	Bridge capacitor (CY1) (optional)	Guangdong South Hongming Electronic	F	Max. 1500pF, min. 250Vac, 125° C, Y1 type	cURus
			Jyh Hsu (Jec) Electronics Ltd	JD		cURus
			various	various		cURus

4.0 Critical Components

Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
5	6	Transformer (TR1)	Shenzhen He Sheng Long Electronics Co Ltd	PS06E3-3.9V (for output voltage 3.0-3.9V) PS06E4-4.9V (for output voltage 4.0-4.9V) PS06E5-5.9V (for output voltage 5.0-5.9V) PS06E6-7V (for output voltage 6.0-7.0V) PS06E9-12V (for output voltage 9.0-12.0V) PS06E15-18V (for output voltage 15.0-18.0V) PS06E18.1-24V (for output voltage 18.1-24.0V)	Class A See Illustration 4&5 of section 7.0 for details	NR
5	6a	Bobbin (Not shown)	CHANG CHUN PLASTICS CO LTD	T375J	Phenolic material, rated 150°C, V-0, min. thick. 0.75mm.F17	cURus
			SUMITOMO BAKELITE CO LTD	PM-9820	Phenolic material, rated 150°C, V-0, min. thick. 0.75mm.	cURus
5	6b	Magnet wire (Not shown)	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	MW 75-C	130°C	UR
			Various	Various	130°C	UR
5	6c	Insulation tape (Not shown)	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1(b)*	Rated 130°C	UR
			JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	PZ, CT	Rated 130°C	UR
			DUCK SUNG HITECH CO LTD	DTS-280	Rated 130°C	UR
			E.I. Dupont de Nemours & Co.	410	Rated 130°C	UR
			P Leo & Co Ltd	1P801, 1P802	Rated 130°C	UR
5	6d	Varnish (Not shown)	HITACHI CHEMICAL CO LTD	WP-2952F-2G	130ºC	UR

4.0 Critical Components

Photo #	Item no.[1]	Name	Manufacturer/ trademark[2]	Type / model[2]	Technical data and securement means	Mark(s) of conformity [3]
5	6e	Triple Insulating wire (Not shown)	FURUKAWA ELECTRIC CO LTD	TEX-E	Rated 130°C,	UR
			TOTOKU ELECTRIC CO LTD	TIW-2, TIW-3	Rated 130°C,	UR
			GREAT LEOFLON INDUSTRIAL CO LTD	TRW (B)	Rated 130°C,	UR
5	6f	Tube (Not shown)	GREAT HOLDING INDUSTRIAL CO LTD	TFT, TFS	Min. 300VAC, 200°C, VW-1	UR
			various	various		UR
1	7	Output Cord	YUYAO YONGFENG ELECTRIC WIRE FACTORY	2468 2464 1185	Min. 30V, min. 80 ºC, min. 24AWG, marked VW-1 or FT-1.	cURus
			various	2468 2464 1185		cURus
8	8	Input wire (optional)	YUYAO YONGFENG ELECTRIC WIRE FACTORY	1007, 1430	VW-1, Min. 30V, min. 80 ºC, min. 26AWG	cURus
			various	1007, 1430		cURus
6, 7, 8	9	Current fuse (Optional used for fuse resistor FR1) (Not shown)	XC ELECTRONICS (SHENZHEN) CORP LTD	3T, 4F,4T	T1.6AL, 250Vac	cURus
			CONQUER ELECTRONICS CO LTD	PDU	T1.6AL, 250Vac	cURus
			SHENZHEN LANSON ELECTRONICS CO LTD	3K, 3N	T1.6AL, 250Vac	cURus
			KING WAHOO ELECTRONICS CO LTD	3TG, 3TC	T1.6AL, 250Vac	cURus
			WALTER ELECTRONIC CO LTD	ICP, TAP	T1.6AL, 250Vac	cURus
			SUNNY EAST ENTERPRISE CO LTD	TDP-Serie(s)	T1.6AL, 250Vac	cURus

1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.

2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.

3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

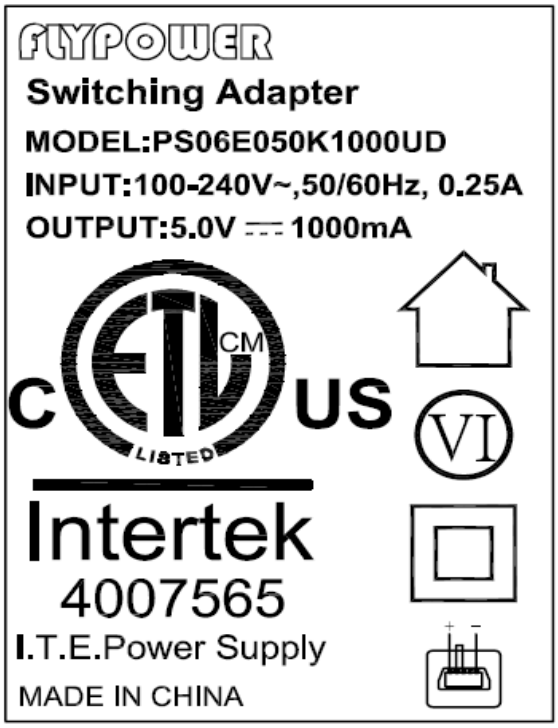
Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits, minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits.
   Limits between different polarity of Line and Neutral before fuse: Cl = 2.0mm; Cr = 2.4mm.
   Limits between different polarity of fuse: Cl = 2.0mm; Cr = 2.4mm.
   Limits between live parts and acccessible enclosure: Cl = 4.0mm; Cr = 4.8mm.
   Limits between primary parts and secondary parts: Cl = 4.4mm; Cr = 5.0mm.
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - This product is not provided with a means of grounding as it is double insulated.
6. Polarized Connection - This product is provided with a non-polarized power supply connection.
7. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets.
8. Schematics - Refer to Illustration No 2. or schematics requiring verification during Field Representative Inspection Audits
9. Markings - See Illustration 1 - Marking
10. Cautionary Markings - The following are required:Refer to Illustration No.1, shown the molded caution content both in English and French.
11. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustration No.7 for details. The use manual in French must provide when the unit sell to Canada.

7.0 Illustrations

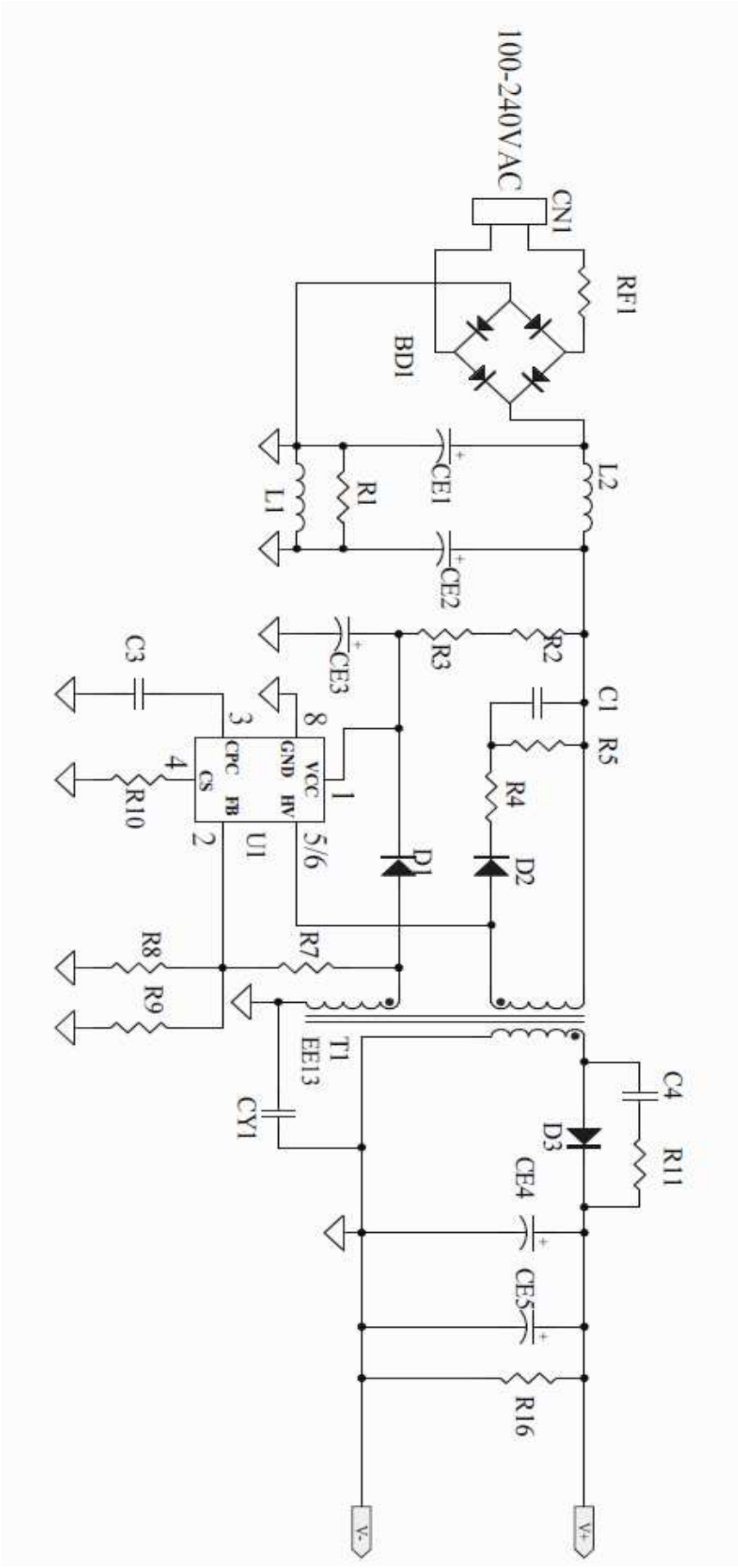
Illustration 1 - Marking (representative)



Note:
1. The above markings are the minimum requirements required by the safety standard. For the final production samples, the additional markings which do not give rise to misunderstanding may be added.
2. The other models(refer to 2.0) have the same labels except the model number and rating.
3: When selling in Canada market, marking label in both French and Engilsh are required
4: The ETL logo as above is not completed due to the limit nature size of product. The complete ETL logo must be shown on the packaging or in a document accompanying the product.
5: The complete ETL, CETL logo shall not be less than 8 mm in width and in height, “C” and “US” and the control No. “4007565” shall not be less than 2 mm in height, "Intertek" shall be at least 3 mm in height and “CM” shall be at least 1 mm in height. “CONFORMS TO UL STD. 60950-1” and “CERTIFIED TO CSA STD. C22.2 NO. 60950-1” shall not be less than 1.5 mm in height.

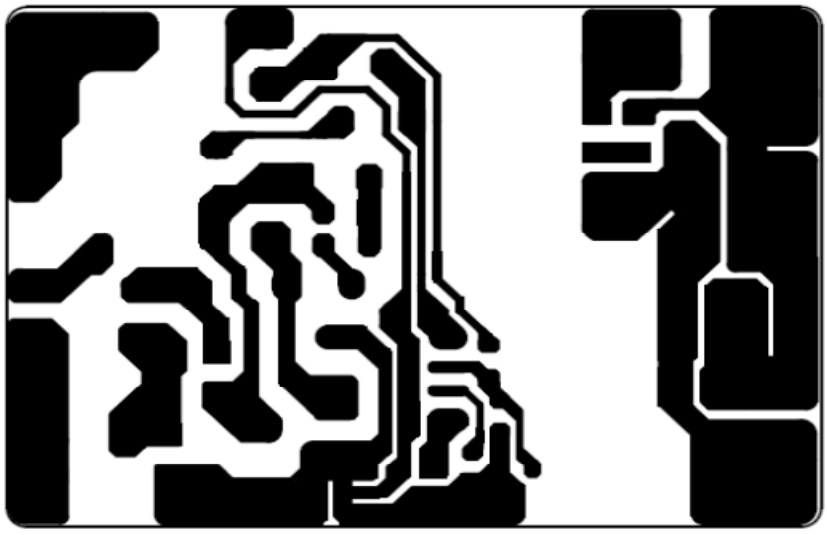
7.0 Illustrations

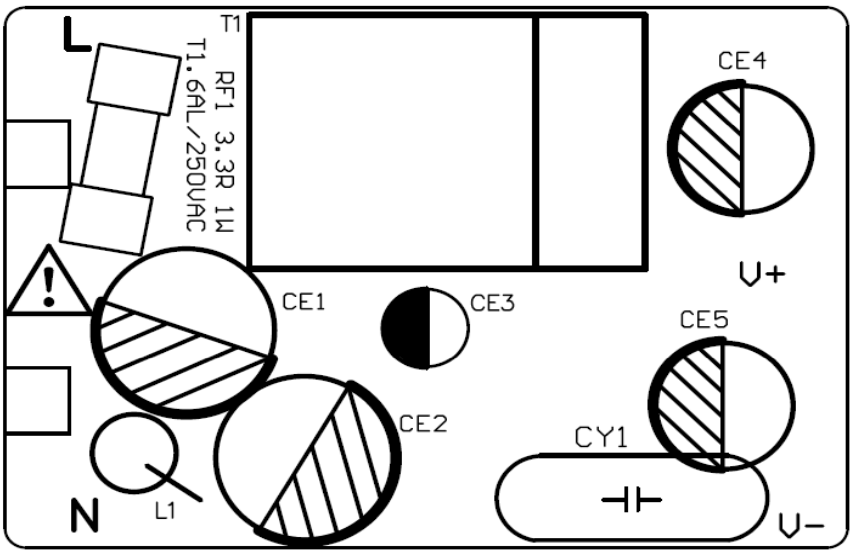
Illustration 2 - Circuit diagram

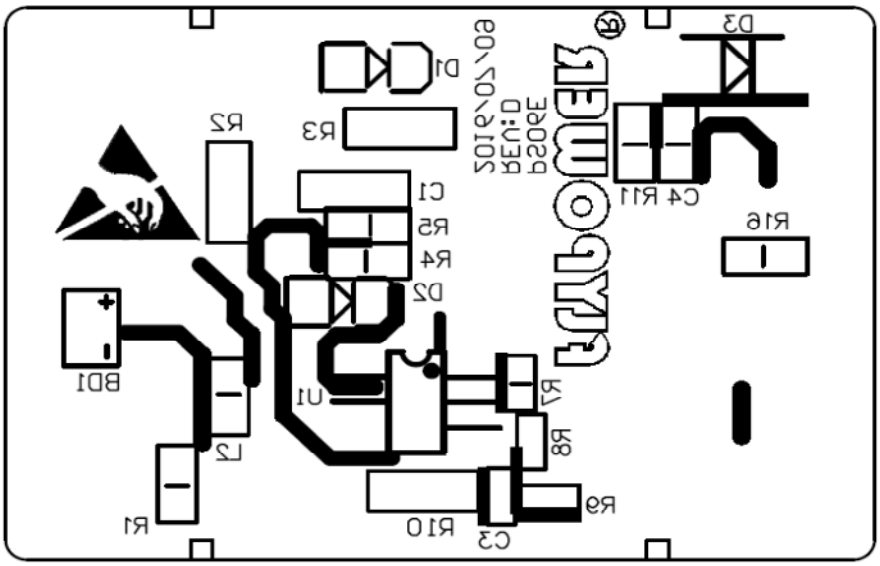


7.0 Illustrations

Illustration 3 - PCB layout



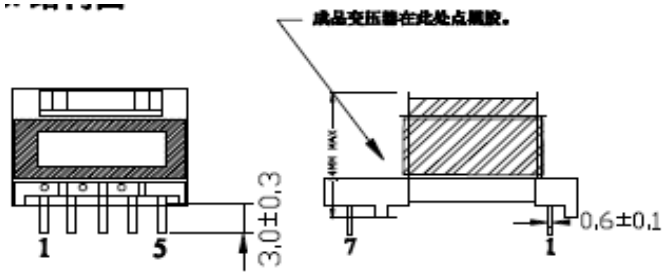




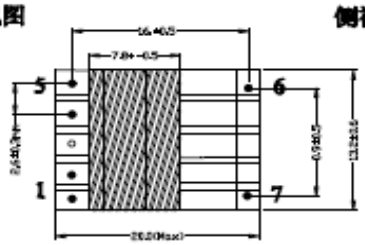
7.0 Illustrations

Illustration 4 - Transformer spec (representative)

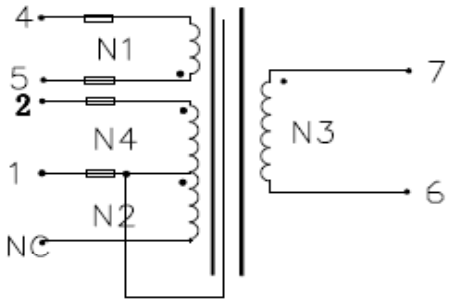
Contruction 1:



侧视图 侧视图

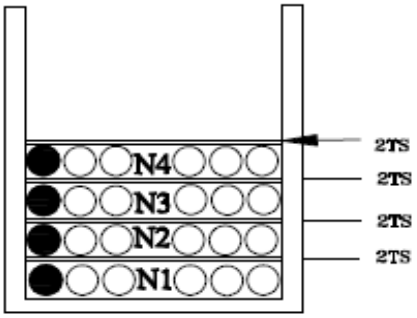


底视图



1.N3 使用三层绝缘线.
2."●"为起绕点.
3.磁芯要研磨中柱，不能垫TAPE胶带.
4."▭"为铁氟龙套管.

认证工艺，请注意。



4.1. Bobbin assembly

4.2. Bobbin: EE-13加长

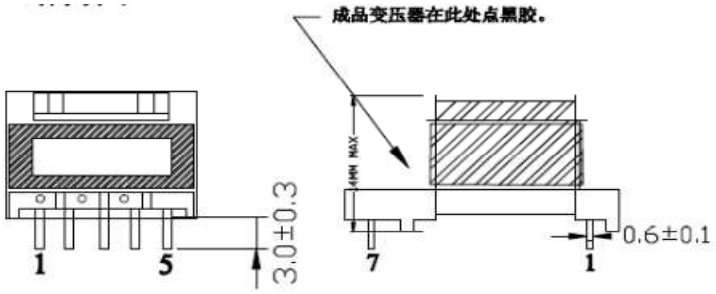
4.3. Core: EE-13

4.4. Air gap
The ferrite core should be gapped to obtain specified inductance.

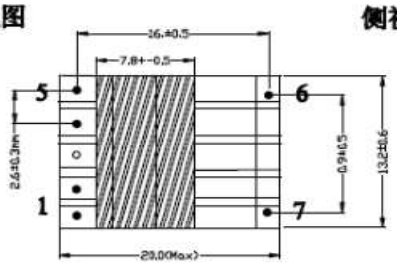
7.0 Illustrations

Illustration 5 - Transformer spec (representative)(Cont'd)

Contruction 2:



侧视图 侧视图

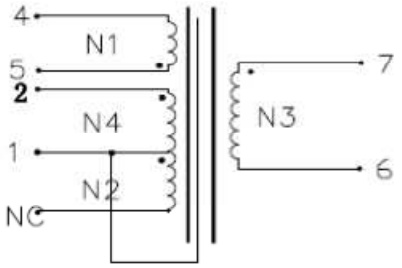


底视图

注：1. 以上未注单位均为mm

2. 成品 需要含浸. PIN3.要去掉。

3.原理图



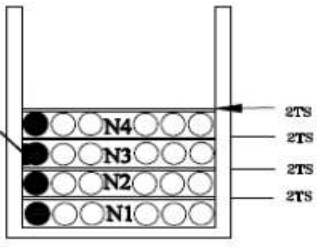
1.N3 使用三层绝缘线.

2."●"为起绕点.

3.磁芯要研磨中柱，不能垫TAPE胶带.

认证工艺，请注意。

4. 绕线剖面示意图



4.1. Bobbin assembly
4.2. Bobbin: EE-13 加长
4.3. Core: EE-13
4.4. Air gap
The ferrite core should be gapped to obtain specified inductance.

7.0 Illustrations

Illustration 6 - Transformer spec (representative) (Cont'd)

Winding construction:

PS06E3-3.9V
Primary winding:
N1 (Pin 5-4): Φ0.15mm, 1*132Ts;
N2 (Pin 1-NC): Φ0.15mm, 1*11Ts;
N4 (Pin 2-1): Φ0.15mm, 1*14Ts;
Secondary winding:
N3 (Pin 6-7): Φ0.60mm, 1*8Ts

PS06E4-4.9V
Primary winding:
N1 (Pin 5-4): Φ0.15mm, 1*132Ts;
N2 (Pin 1-NC): Φ0.15mm, 1*11Ts;
N4 (Pin 2-1): Φ0.15mm, 1*11Ts;
Secondary winding:
N3 (Pin 6-7): Φ0.80mm, 1*8Ts

PS06E5-5.9V
Primary winding:
N1 (Pin 5-4): Φ0.15mm, 1*132Ts;
N2 (Pin 1-NC): Φ0.15mm, 1*9Ts;
N4 (Pin 2-1): Φ0.15mm, 1*8Ts;
Secondary winding:
N3 (Pin 6-7): Φ0.55mm, 1*8Ts

PS06E18.1-24V
Primary winding:
N1 (Pin 5-4): Φ0.15mm, 1*132Ts;
N2 (Pin 1-NC): Φ0.15mm, 1*9Ts;
N4 (Pin 2-1): Φ0.15mm, 1*8Ts;
Secondary winding:
N3 (Pin 6-7): Φ0.35mm, 1*25Ts

PS06E6-7V
Primary winding:
N1 (Pin 5-4): Φ0.15mm, 1*132Ts;
N2 (Pin 1-NC): Φ0.15mm, 1*11Ts;
N4 (Pin 2-1): Φ0.15mm, 1*11Ts;
Secondary winding:
N3 (Pin 6-7): Φ0.40mm, 2*10Ts

PS06E9-12V
Primary winding:
N1 (Pin 5-4): Φ0.15mm, 1*132Ts;
N2 (Pin 1-NC): Φ0.15mm, 1*9Ts;
N4 (Pin 2-1): Φ0.15mm, 1*8Ts;
Secondary winding:
N3 (Pin 6-7): Φ0.30mm, 2*14Ts

PS06E15-18V
Primary winding:
N1 (Pin 5-4): Φ0.15mm, 1*132Ts;
N2 (Pin 1-NC): Φ0.15mm, 1*9Ts;
N4 (Pin 2-1): Φ0.15mm, 1*8Ts;
Secondary winding:
N3 (Pin 6-7): Φ0.35mm, 1*21Ts

7.0 Illustrations

Illustration 7 - User manual (representative)

User manual

Please keep observed safety notes before use
Technical date
Model:PS06E050K1000UD
Input: 100-240V~, 50/60Hz, 0.25A, Class II
Output: 5Vdc, 1000mA

See installation instructions before connecting to the supply.

1. For office and information technology equipment use only.
2. The output circuit shall be installed and protected in accordance with nation wiring rules.
3. Electric shock hazard, do not open!
4. The socket-outlet shall be installed near the equipment and shall be easily accessible.
5. The adapter is for indoor use only.
6. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
7. Where the plug portion of the adaptor is used as the disconnect device, the disconnect device shall remain readily operable.
8. Please refer to the marking label on the unit for input and output ratings. Do not overload the power supply.
9. Maximum ambient temperature around the adaptor must not exceed 40°C.

The product CONFORMS TO UL STD. 60950-1 and CERTIFIED TO CSA STD. C22.2 NO. 60950-1.

Manufacturer name: Shenzhen Flypower Technology Co., Ltd
Manufacturer address: A2nd Building, Haosan Linpokeng 2nd Industry Zone, Nanpu Rd., Shajing, Baoan District, SHENZHEN Guangdong 518100 CHINA

8.0 Test Summary					
Evaluation Period	06-Jul-2016 to 08-Jul-2016			Project No.	160706028SZN
Sample Rec. Date	6-Jul-2016	Condition	Prototype	Sample ID.	Z160706028-001
Test Location	Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch (Address: 6F, D Block, Huahan Building, Langshan Road, Nanshan District, Shenzhen, P. R. China)				
Test Procedure	Testing Lab				

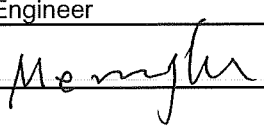
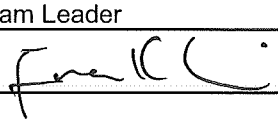
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.

Due to the previous testing as following performed under report 160527003GZU-001 issued by Guangzhou ITS on Jun.16, 2016. Only additional constrcution check of clause 2.10.5.12 was re-considered due to add alternative constrcution for the transformer(change the mechanical separation between the primary winding and secondary winding where crossing each at an angle between 45° -90°, and clause 5.3 was re-considered due to added alt. current fuse information in section 4.0 and minor change of PCB layout for secondary circuit & primary current fuse)

Test Description	UL 60950-1, 2nd Edition, Dated March 27, 2007, Revision October 14, 2014 , 2011 & CSA-C22.2 No. 60950-1-07, 2nd Edition, Dated March 27, 2007, Revision October 14, 2014/ Clause
Input Test	1.6.2
Marking Durability Test	1.7.11
Finger Test	2.1.1.1 b
Pin Test	2.1.1.1 c
Energy Hazards Test	2.1.1.5
Voltage under Normal Conditions Test	2.2.2
Voltage under Fault Conditions Test	2.2.3
Limited Current Circuits Test	2.4
Limited Power Sources Test	2.5
Humidity Condition Test	2.9.2
Determination of Working Voltage Test	2.10.2
Clearances and Creepage Distances Measurement	2.10.3 & 2.10.4
Solid Insulation Measurement	2.10.5
Mechanical Strength – 10 N Force Test	4.2.2
Mechanical Strength – 250 N Force Test	4.2.4
Mechanical Strength – Drop Test	4.2.6
Mechanical Strength – Stress Relief Test	4.2.7
Strain on Socket-Outlet Test	4.3.6
Normal Operating Test	4.5.2
Ball Pressure Test	4.5.5
Touch Current Test	5.1
Electric Strength Test	5.2
Abnormal Operations and Fault Conditions Test	5.3

8.1 Signatures

A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.

Completed by:	Merry Gu	Reviewed by:	Frank Li
Title:	Engineer	Title:	Team Leader
Signature:		Signature:	

9.0 Correlation Page For Multiple Listings	
The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.	
BASIC LISTEE	Shenzhen Flypower Technology Co., Ltd
Address	A2nd Building, Haosan Linpokeng 2nd Industry Zone, Nanpu Rd., Shajing, Baoan District, SHENZHEN Guangdong 518100 CHINA
Country	China
Product	Switching Adapter

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	

MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
3) a control number issue by Intertek
4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, “Conforms to” shall appear with the standard number along with the word, “ Standard” or “Std.” Example: “Conforms to ANSI/UL Std. XX.”

For Canadian standards, the words “Certified to CAN/CSA Standard CXX No. XX.” shall be used, or abbreviated, “Cert. to CAN/CSA Std. CXX No. XX.”

Can be used together when both standards are used.

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use. The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

Note to Intertek Follow Up Inspector: The Component Evaluation Center, CEC, will notify you in writing when these components must be selected and sent to the CEC for re-evaluation

Ship the samples to:
Intertek Testing Services Shenzhen Limited Kejiyuan Branch
ETL Component Evaluation Center
6/F, Block D, HuaHan Building, Longshan Road, Nanshan District
Shenzhen, China
Attn: Tommy Leung
Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Dielectric Voltage Withstand Test

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contactors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.
The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.
If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:
1 - a voltmeter in the primary circuit;
2 - a selector switch marked to indicate the test potential; or
3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.
In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

Product	Test Voltage	Test Time
All products covered by this Report.	3000Vac	60 s
	or	
Between mains input to output terminal / enclosure with metal foil	3600Vac	1 s

12.0 Revision Summary

The following changes are in compliance with the declaration of Section 8.1:

Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
				None