접수번호 : KCA2023-10628

안 전 인 증 서
Safety Certificate

안전인증번호 : HU10499-19038B
(Applcation No.)

제조업자/수입업자명 : GlobTek (Suzhou) Co., Ltd.
(Manufacturer/importer)

주 소 : Building 4, #76, Jin Ling East Rd., Suzhou Park, Suzhou, Jiangsu 215021, P.R.China
(Address)

제 품 명 : 직류전원장치
(Product)

기본모델명 : GTM96180-1830-6.0
(Basic Model)

파생모델명 (Series Model) :
GTM96180-1130-6.0,GTM96180-1530-6.0-CF,GTM96180-1830-6.0-CF

정격/안전기준상의 모델구분 : 100-240 V~, 50-60 Hz, 0.6 A (O/P: 24 Vdc, 0.75 A)
(Rating)

시험기준 : KC 62368-1(2021-08)
(Standard)

본 인증서는 **제 조 국 명 :** 중국
제조업자명 : GlobTek (Suzhou) Co., Ltd.

제조공장의 주소 : Building 4, #76, Jin Ling East Rd., Suzhou Park, Suzhou, Jiangsu 215021, P.R.China
의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」제9조제2항, 제4항, 제10조제2항 또는 제15조제2항에 따라 안전인증서를 발급합니다.
We issue this Safety Certificate for the above appliances in accordance with Article 9(2), 9(4), 10(2) or 15(2) of the Enforcement Rule of the Electirical Appliances and Consumer Products Safety Control Act.

2023 년 09 월 26 일
(Year) (Month) (Day)

한국기계전기전자시험연구원장
Korea Testing Certification Institute

한국기계전기전자시험연구원장인

※ 이 인증서는「전기용품 및 생활용품 안전관리법」에 따른 제품의 안전성 확인에 한정된 것이며, 그 밖의 다른 법률이 적용되는 제품의 경우에는 해당 법률에 따라 추가로 인증 • 허가 등을 받아야 합니다.

첨부서류	1. 전기용품의 안전관리부품 및 재질목록(List of Critical Components) 2. 기본모델 • 파생모델의 내용(Description of the basic and series model) 3. 안전인증의 변경 현황(Revisions Status)

안전인증을 받은 자의 유의 사항
Notification for Recipients

1. 본 증명서는 기재된 제조공장에서 생산된 제품으로서 적용된 안전기준에 적합한 경우에 한하여 유효합니다.

   (This certificate is valid only when the product meets the safety standards and is produced from the manufacturing factory that states on this certificate.)

2. 안전인증 마크는 본래의 의미와 다르게 사용자가 오해를 일으킬 수 있는 방법으로 광고, 카탈로그 등에 사용하면 인증정지 또는 취소의 사유가 됩니다.

   (Cessation or cancellation of the certification may occur if the actual meaning of the Safety Certification Mark is misled to the public by false advertisement on a catalog of the product.)

3. 다음과 같은 사유가 발생할 경우에는 안전인증기관에 안전인증 변경 신청을 하여 안전인증서를 재교부 받아야 합니다.

   (In case of the following events, the Safety Certificate shall be reapplied and reissued for revision)
   1) 제조자, 대표자, 주소 등 인증서 기재내용의 변경
      (Revisions in contents of the certificate such as manufacturer representative, address and etc.)
   2) 파생모델의 추가, 변경 또는 삭제 (Additions, changes, or removals of series model)
   3) 안전관리 부품의 변경 또는 추가
      (Additions or changes in components which are listed on the certificate)

4. 안전인증을 받은 자는 다음 사항을 이행하여야 합니다.

   (Recipients of the Safety Certificate shall comply with the followings.)
   1) 안전인증 표시 등 인증요건의 유지관리
      (Maintaining and preserving the Mark and other certification requirements)
   ✻ 안전인증을 받기 이전 또는 정지, 취소된 이후 생산된 제품에 안전인증 표시를 하면 법에 의거 처벌을 받게 됩니다.
      (It will be punished by the law if the certification mark is used before the issue (or after suspension or cancellation) of the certification.)

   2) 자체 검사의 실시 및 그 기록관리 (Self-testing and record keeping)
   ✻ 안전인증을 받은 자는 제품검사를 철저히 실시하여 제품의 품질이 안전기준에 미달되지 않도록 유의.
      (Recipients of the Safety Certificate shall conduct products inspection strictly for products to comply with the safety standards)

5. 안전인증을 받을자는 전기용품 및 생활용품 안전관리법 제 7조에 따라 2년에 1회 정기검사를 실시하여야 한다.

   (Recipients of the Safety Certificate shall require to inspect once in two years according to the Article 7 section of the the Electrical Appliances and Consumer Products Safety Control Act.)

6. 인증서(증명서)에는 진위여부 확인을 위해 다음과 같은 사항이 적용되어 있습니다.
   1) 문서관리번호 (문서관리번호 노출시 CS홈페이지를 통해 기술문서 내용이 조회 가능함으로 사본 등 제출시 노출되지 않도록 주의하시기 바랍니다.)
   2) 시점확인필
   3) 2D바코드

안전인증시의 조건: 동 제품의 생산 시 자체검사를 실시하고 안전인증 시 등록된 부품누락 및 임의 변경하지 말 것.
Conditions of Certification : In the production of this product, conduct a self-test and do not miss and change the registered components.

파생모델명

GTM96180-1630-11.0,GTM96180-1630-10.0,GTM96180-1630-9.0,GTM96180-1630-8.0,GTM96180-1630-7.0,GTM96180-1630-6.0,GTM96180-1630-5.0,GTM96180-1630-4.0,GTM96180-1630-3.0,GTM96180-1630-2.0,GTM96180-1630-1.0,GTM96180-1630,GTM96180-1830-11.0,GTM96180-1830-10.0,GTM96180-1830-9.0,GTM96180-1830-8.0,GTM96180-1830-7.0,GTM96180-1830-5.0,GTM96180-1830-4.0,GTM96180-1830-3.0,GTM96180-1830-2.0,GTM96180-1830-1.0,GTM96180-1830

안전인증번호 : HU10499-19038B (Certificate No)　　접수번호 : KCA2023-10628 (Receipt No)

1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

1.1 제품의 설명 (Product description)
인증제품의 개요는 다음과 같다.
(Information on certified basic model product is as follow)

구 분 (Section)	내 용 (Description)
용도 (Normal use)	The apparatus designed to be used for converting AC main voltage to DC low voltage.
내부구조 (Internal construction)	The apparatus consists of Switching transformer, rectifying part etc.
외부구조 (External construction)	Direct plug-in equipment and provided with the plastic enclosure having min. V-1 flammability.
기타(others)	Class II

1.2 전기용품의 표시 : 전기용품 및 생활용품 안전관리법 시행규칙 제20조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark : Marking shall comply with the Article 20 of the Enforcement Rule of the Electrical Appliances and Consumer products Safety Control Act.)

1.3 등록모델 (Registered Models)

구분 (Class)	모 델 명 및 정 격 (Model / Rating)		기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	GTM96180-1830-6.0	100-240 V~, 50-60 Hz, 0.6 A (O/P: 24 Vdc, 0.75 A)	
파생모델 (Variant model)	GTM96180-1130-6.0		Model name and Output rating(24 Vdc, 0.45 A)
	GTM96180-1530-6.0-CF		Model name and Output rating(24 Vdc, 0.625 A)
	GTM96180-1830-6.0-CF		Model name
	GTM96180-1630-11.0		Output rating(19 Vdc, 0.84 A)
	GTM96180-1630-10.0		Output rating(20 Vdc, 0.8 A)
	GTM96180-1630-9.0		Output rating(21 Vdc, 0.76 A)
	GTM96180-1630-8.0		Output rating(22 Vdc, 0.72 A)

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	GTM96180-1630-7.0	Output rating(23 Vdc, 0.69 A)
	GTM96180-1630-6.0	Output rating(24 Vdc, 0.66 A)
	GTM96180-1630-5.0	Output rating(25 Vdc, 0.64 A)
	GTM96180-1630-4.0	Output rating(26 Vdc, 0.61 A)
	GTM96180-1630-3.0	Output rating(27 Vdc, 0.59 A)
	GTM96180-1630-2.0	Output rating(28 Vdc, 0.57 A)
	GTM96180-1630-1.0	Output rating(29 Vdc, 0.55 A)
	GTM96180-1630	Output rating(30 Vdc, 0.53 A)
	GTM96180-1830-11.0	Output rating(19 Vdc, 0.94 A)
	GTM96180-1830-10.0	Output rating(20 Vdc, 0.9 A)
	GTM96180-1830-9.0	Output rating(21 Vdc, 0.85 A)
	GTM96180-1830-8.0	Output rating(22 Vdc, 0.81 A)
	GTM96180-1830-7.0	Output rating(23 Vdc, 0.78 A)
	GTM96180-1830-5.0	Output rating(25 Vdc, 0.72 A)
	GTM96180-1830-4.0	Output rating(26 Vdc, 0.69 A)
	GTM96180-1830-3.0	Output rating(27 Vdc, 0.66 A)
	GTM96180-1830-2.0	Output rating(28 Vdc, 0.64 A)
	GTM96180-1830-1.0	Output rating(29 Vdc, 0.62 A)
	GTM96180-1830	Output rating(30 Vdc, 0.6 A)

2. 안전관리 부품 및 재질목록(List of Critical Components)

안전인증번호 : HU10499-19038B (Certificate No)

접수번호 : KCA2023-10628 (Receipt No)

부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
PCB	WALEX ELECTRONIC (WUXI) CO LTD	T2, T2A, T2B T4	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	DONGGUAN HE TONG ELECTRONICS CO LTD	CEM1 2V0 FR4	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	CHEERFUL ELECTRONIC (HK) LTD	02 03 03A	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	DONGGUAN DAYSUN ELECTRONIC CO LTD	DS2	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	SUZHOU CITY YILIHUA ELECTRONICS CO LTD	YLH-1	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	SHANGHAI AREX PRECISION ELECTRONIC CO LTD	02V0 04V0	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	BRITE PLUS ELECTRONICS (SUZHOU) CO LTD	DKV0-3A DGV0-3A	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	KUOTIANG ENT LTD	C-2 C-2A	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	SHENZHEN TONGCHUANGXIN ELECTRONICS CO LTD	TCX	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	PACIFIC WIN INDUSTRIAL LTD	PW-02 PW-03	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	YUANMAN PRINTED CIRCUIT CO LTD	1V0	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	SUZHOU XINKE ELECTRONICS CO LTD	XK-2, XK-3	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL

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부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
PCB (alt)	KUNSHAN CITY HUA SHENG CIRCUIT BOARD CO LTD	HS-S	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-1	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
PCB (alt)	HUIZHOU SHUNJIA ELECTRONICS CO LTD	SJ-B	Min. 1, 6 mm thickness, min. V-0, 130 ℃	UL
Fuse (F1)	Conquer Electronics Co., Ltd.	MST series	T1.6A, 250V	IEC
Fuse (F1) (alt)	Ever Island Electric Co., Ltd. And Walter Electric	2010, ICP	T1.6A, 250V	IEC
Fuse (F1) (alt)	Bel Fuse Ltd	RST-Serie(s)	T1.6A, 250V	IEC
Fuse (F1) (alt)	Cooper Bussmann LLC	SS-5	T1.6A, 250V	IEC
Fuse (F1) (alt)	Shenzhen Lanson Electronics Co. Ltd.	SMT	T1.6A, 250V	IEC
Fuse (F1) (alt)	Das & Sons International Ltd	385T series	T1.6A, 250V	IEC
Fuse (F1) (alt)	Dongguan Better Electronics Technology Co., Ltd.	932	T1.6A, 250V	IEC
Fuse (F1) (alt)	Hollyland Company Limited	5ET	T1.6A, 250V	IEC
Fuse (F1) (alt)	Sunny East Enterprise Co. Ltd.	CFD-Serie(s)	T1.6A, 250V	IEC
Fuse (F1) (alt)	Conquer Electronics Co., Ltd.	MET series	T1.6A, 250V	IEC

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부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Fuse (F1) (alt)	Zhongshan Lanbao Electrical Appliances Co., Ltd	RTI-10 Serie(s)	T1.6A, 250V	IEC
Y capacitor (CY1, CY2)	TDK-EPC Corporation, Capacitors Group Circuit Devices Business Group	CD	Y1, AC 250 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	Success Electronics Co., Ltd.	SE	Y1, AC 250 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	Success Electronics Co., Ltd.	SB	Y1, AC 250/500 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	Murata Mfg. Co., Ltd.	KX	Y1, AC 250 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	Walsin Technology Corp.	AH	Y1, AC 250 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	JYA-NAY Co., Ltd.	JN	Y1, AC 250 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	Haohua Electronic Co.	CT 7	Y1, AC 250 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	Jyh Chung Electronic Co., Ltd.	JD	Y1, AC 250 V, max 2200 pF	IEC
Y capacitor (CY1, CY2) (alt)	Jerro Electronics Corp.	JX-series	Y1, AC 250 V, max 2200 pF	IEC
X capacitor (CX1)	Cheng Tung Industrial Co., Ltd.	CTX	Min. 300VAC, Max. 0.47μF	IEC
X capacitor (CX1) (alt)	Tenta Electric Industrial Co. Ltd.	MEX	Min. 300VAC, Max. 0.47μF	IEC
X capacitor (CX1) (alt)	Joey Electronics (Dong Guan) Co., Ltd.	MPX	Min. 300VAC, Max. 0.47μF	IEC
X capacitor (CX1) (alt)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Min. 300VAC, Max. 0.47μF	IEC

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부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
X capacitor (CX1) (alt)	Yuon Yu Electronics Co. Ltd.	MPX	Min. 300VAC, Max. 0.47μF	IEC
X capacitor (CX1) (alt)	Sinhua Electronics (Huzhou) Co., Ltd.	MPX	Min. 300VAC, Max. 0.47μF	IEC
X capacitor (CX1) (alt)	Jiangsu Xinghua Huayu Electronics Co., Ltd.	MPX - Series	Min. 300VAC, Max. 0.47μF	IEC
X capacitor (CX1) (alt)	Dain Electronics Co., Ltd.	MEX, MPX, NPX	Min. 300VAC, Max. 0.47μF	IEC
X capacitor (CX1) (alt)	Shenzhen Jinghao Capacitor Co., Ltd.	CBB62B	Min. 300VAC, Max. 0.47μF	IEC
Photo coupler (U3)	Everlight Electronics Co., Ltd.	EL817	Dti=0.5mm Int.	VDE
Photo coupler (U3) (alt)	COSMO Electronics Corporation	K1010 / KP1010	Dti=0.6mm Int.	VDE
Photo coupler (U3) (alt)	Lite-On Technology Corporation	LTV-817	Dti=0.8mm Int.	VDE
Photo coupler (U3) (alt)	Fairchild Semiconductor Pte Ltd.	H11A817B / FOD817B	Insulation voltage: 850V; Transient overvoltage: 6000V; CTI175; Int. Cr/ Ext. Cr: ≥7, 0/ 7, 0 mm; 30/110/21	VDE
Photo coupler (U3) (alt)	Sharp Corporation Electronic Components and Devices Group	PC817	Insulation voltage: 890V; Transient overvoltage: 9000V Int. Cr/ Ext. Cr: 7.62/ 7.62 mm; 30/110/21	VDE
Photo coupler (U3) (alt)	Bright Led Electronics Corp	BPC-817 A/B/C/D/L BPC-817 M BPC-817 S	Dti=0.4mm	VDE

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부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Photo coupler (U3) (alt)	Toshiba Corporation Semiconductor & Storage Products Company	TLP781F	Dti > 0.4mm	VDE
Varistor (MOV1)	Thinking Electronic Industrial Co., Ltd.	TVR10471K, TVR14471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (alt)	Centra Science Corp.	10D471K, 14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (alt)	Success Electronics Co., Ltd.	SVR10D471K SVR14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (alt)	Walsin Technology Co., Ltd.	14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (alt)	Lien Shun Electronics Co., Ltd.	14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (alt)	Ceramate Techn. Co., Ltd.	GNR10D471K GNR14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (alt)	Brightking (Shenzhen) Co., Ltd.	14D471K 10D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE

안전인증번호 : HU10499-19038B (Certificate No)

접수번호 : KCA2023-10628 (Receipt No)

부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Varistor (MOV1) (alt)	Joyin Co., Ltd.	JVR10N471K JVR14N471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Transformer (T1)	GlobTek / ENG / BOAM / HAOPUWEI	TF045	Class B	-
Triple-insulated wire (Secondary) (of T1)	Great Leoflon Industrial Co., Ltd.	TRW (B) Serie(s)	Class B	VDE
Triple-insulated wire (Secondary) (of T1) (alt)	COSMOLINK CO. Ltd.	TIW-M Serie(s)	Class B	VDE
Triple-insulated wire (Secondary) (of T1) (alt)	Furukawa Electric Co., Ltd. Electronics & Automotive Systems Company Global Business Development Division	TEX-E	Class B	VDE
Triple-insulated wire (Secondary) (of T1) (alt)	TOTOKU ELECTRIC CO LTD	TIW-2	Class B	VDE
Triple-insulated wire (Secondary) (of T1) (alt)	E&B TECHNOLOGY CO LTD	E&B-XXXB E&B-XXXB-1	Class B	VDE
Triple-insulated wire (Secondary) (of T1) (alt)	CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD	CB-TIW	Class B	VDE
Triple-insulated wire (Secondary) (of T1) (alt)	SHENZHEN JIUDING NEW MATERIAL CO LTD	DTIW-B	Class B	VDE
Bobbin (of T1)	CHANG CHUN PLASTICS CO LTD	T375J T375HF	V-0, 150°C, thickness 0, 45 mm min.	UL
Bobbin (of T1) (alt)	CHANG CHUN PLASTICS CO LTD	4130	V-0, 140°C, thickness 0, 74 mm min.	UL

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부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Bobbin (of T1) (alt)	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, thickness 0, 45 mm min.	UL
Bobbin (of T1) (alt)	HITACHI CHEMICAL CO LTD	CP-J-8800	V-0, 150°C, thickness 0, 45 mm min	UL
Enclosure (all parts)	SABIC INNOVATIVE PLASTICS B V	SE1X, SE1	PPE+PS, Min. V-1, Min. thickness:2.0mm, 105°C	UL
Enclosure (all parts) (alt)	SABIC INNOVATIVE PLASTICS B V	SE100	PPE+PS, Min. V-1, Min. thickness:2.0mm, 95°C	UL
Enclosure (all parts) (alt)	SABIC INNOVATIVE PLASTICS B V	C2950	PC/ABS, Min. V-0, Min. thickness:2.0mm, 85°C	UL
Enclosure (all parts) (alt)	SABIC INNOVATIVE PLASTICS B V	CX7211 EXCY0098	PC/ABS, Min. V-1, Min. thickness:2.0mm, 90°C	UL
Enclosure (all parts) (alt)	SABIC INNOVATIVE PLASTICS B V	945	PC, Min. V-1, Min. thickness: 2.0mm, 120°C	UL
Enclosure (all parts) (alt)	SABIC INNOVATIVE PLASTICS B V	HF500R	PC, V-0, Min. thickness:2.0mm, 125°C	UL
Enclosure (all parts) (alt)	TEIJIN CHEMICALS LTD	LN-1250P LN-1250G	PC, Min. V-0, Min. thickness:2.0mm, 115°C	UL
Bleeder Resistor (R1, R2)	Yageo Corporation	RV series	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report
Bleeder Resistor (R1, R2) (Alt.)	Ralec Electronic Corp	RTV series	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report
Bleeder Resistor (R1, R2) (Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS series	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report

부품명(회로기호) Components(Part no.)	제조자(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Bleeder Resistor (R1, R2) (Alt.)	Viking Tech Corporation Kaoshiung Branch	HVR series	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report
Bleeder Resistor (R1, R2) (Alt.)	TZAI YUAN ENTERPRISE CO LTD	HSMD OR SMD	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report
Bleeder Resistor (R1, R2) (Alt.)	WALSIN TECHNOLOGY CORP	WF12N	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report
Bleeder Resistor (R1, R2) (Alt.)	Yageo Corporation	AH series	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report
Bleeder Resistor (R1, R2) (Alt.)	PROSPERITY DIELECTRICS CO LTD	FVS03, FVS05, FVS06, FVS20, TF25V, TF06V, TF08V, TF12V, TF20V, FVS25	R1=R2= Max. 0.82 MΩ, Min. 1/4W	IEC, CB Report

3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2019/06/26	기본+파생모델등록(Basic + Series Model)
2023/09/26	규격업데이트
	KC 62368-1(2021-08)
2023/09/26	파생,분실재발급
2023/10/13	파생,분실재발급

4. 기타(Carefully Informed Note)

안전인증번호 : HU10499-19038B (Certificate No)　　접수번호 : KCA2023-10628 (Receipt No)

1) 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청 또는 안전확인변경신고를 하여야 합니다. 안전인증변경신청 또는 안전확인변경신고를 하지 않고 임의로 변경하는 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될수 있습니다.

The certificate holder should apply for a revision of the certificate if the registered critical components are to be changed, modified or alternated.Should the contents of Certificate are altered without the application for the modification. the administrative measures can occur according to the Electrical Appliances and Consumer Products Safety Control Act.

2) 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품 및 생활용품 안전관리법 제 11조에 따라 안전인증이 취소될수 있습니다.

If Follow-up Factory Inspection, including sampling representative model by 11 categories of the certified product at factory-site for re-testing, should not has been arranged by Certificate holder, Safety Certification(KC Mark) may be withdrawn according to the Article 11 of the Electrical Appliances and Consumer Products Safety Control Act.

3) 공장주소(전화번호포함), 대표자, 상호 및 부품변경, 신고인정보 등 안전인증 또는 안전확인신고의 내용이 변경되었을 때, 안전인증변경신청 또는 안전확인변경신고를 하지 않을 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

Should a factory address, president name, manufacturer name and critical component are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Customer Products Safety Control Act.

4) 조건부 인증사항 (Conditional certification items) :

기술문서붙임자료

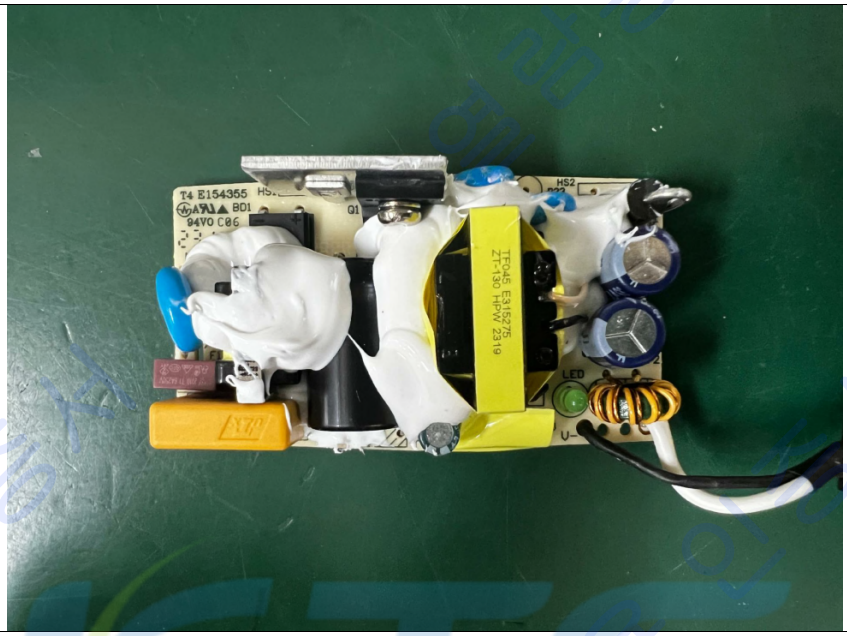
안전인증번호 : HU10499-19038B **접수번호 :** KCA2023-10628

NO. 1 외부

NO. 2 외부

안전인증번호 : HU10499-19038B **접수번호 :** KCA2023-10628

NO. 3 내부



NO. 4 내부