



안전인증서

Safety Certificate

안전인증번호: HU10499-21048A
(Certificate No.)

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

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

제 품 명: 직류전원장치
(Product)

기본모델명: GTM961200P12024-T3
(Basic Model)

파생모델명 (Series Model):

GTM961200P10824-T3

GTM961200P10824-T3AB

GTM961200P12024-T3AB

GTM961200P12025-T3A

GTM961200P12026-T3

GTM961200P10824-T3A

GTM961200P12024-T3A

GTM961200P12025-T3

GTM961200P12025-T3AB

이면기재

정격/안전기준상의 모델구분: 100-240 V~, 50-60 Hz, 1.5 A (O/P: 24.0 Vdc, 5.0 A)
(Rating)

시험기준: K 60950-1(2011-12)
(Standard)

본 인증서는 제조국명: 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 the Article 9(2), 9(4), 10(2) or 15(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.



2021 년 05 월 17 일
(Year) (Month) (Day)

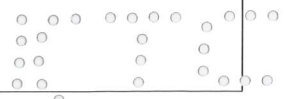
한국기계전자시험연구원
Korea Testing Certification Institute



※ 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 (Descriptions of the basic and series model)
3. 안전인증의 변경 현황 (Revisions Status)



GTM961200P12026-T3A
GTM961200P12027-T3
GTM961200P12027-T3AB
GTM961200P9024-T3A

GTM961200P12026-T3AB
GTM961200P12027-T3A
GTM961200P9024-T3
GTM961200P9024-T3AB

KTTC



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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)

구분(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)	Providing with plastic enclosure having min. V-1 flammability and appliance inlet.
기타(Others)	Class I

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)

구 분 (Class)	모 델 명 및 정 격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	GTM961200P12024-T3 100-240 V~, 50-60 Hz, 1.5 A (O/P: 24.0 Vdc, 5.0 A)	
파생모델 (Series model)	GTM961200P9024-T3	Identical to the basic model except for the model designation and output rating (24 Vdc, 3.75 A)
	GTM961200P10824-T3	Identical to the basic model except for the model designation and output rating (24 Vdc, 4.5 A)
	GTM961200P12025-T3	Identical to the basic model except for the model designation and output rating (25 Vdc, 4.8 A)



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	GTM961200P12026-T3	Identical to the basic model except for the model designation and output rating (26 Vdc, 4.61 A)
	GTM961200P12027-T3	Identical to the basic model except for the model designation and output rating (27 Vdc, 4.44 A)
	GTM961200P9024-T3A	Identical to the basic model except for the model designation, output rating (24 Vdc, 3.75 A) and appliance inlet(C6 type)
	GTM961200P10824-T3A	Identical to the basic model except for the model designation, output rating (24 Vdc, 4.5 A) and appliance inlet(C6 type)
	GTM961200P12024-T3A	Identical to the basic model except for the model designation and appliance inlet(C6 type)
	GTM961200P12025-T3A	Identical to the basic model except for the model designation, output rating (25 Vdc, 4.8 A) and appliance inlet(C6 type)
	GTM961200P12026-T3A	Identical to the basic model except for the model designation, output rating (26 Vdc, 4.61 A) and appliance inlet(C6 type)
	GTM961200P12027-T3A	Identical to the basic model except for the model designation, output rating (27 Vdc, 4.44 A) and appliance inlet(C6 type)
	GTM961200P9024-T3AB	Identical to the basic model except for the model designation, output rating (24 Vdc, 3.75 A) and enclosure shape



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	GTM961200P10824-T3AB	Identical to the basic model except for the model designation, output rating (24 Vdc, 4.5 A) and enclosure shape
	GTM961200P12024-T3AB	Identical to the basic model except for the model designation and enclosure shape
	GTM961200P12025-T3AB	Identical to the basic model except for the model designation, output rating (25 Vdc, 4.8 A) and enclosure shape
	GTM961200P12026-T3AB	Identical to the basic model except for the model designation, output rating (26 Vdc, 4.61 A) and enclosure shape
	GTM961200P12027-T3AB	Identical to the basic model except for the model designation, output rating (27 Vdc, 4.44 A) and enclosure shape



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

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Enclosure	SABIC INNOVATIVE PLASTICS B V	SE1X(GG)(f1), SE1	PPE+ PS, Min. V-1, Min. thickness: 2.0mm, 105°C	UL
Enclosure (Alt.)	SABIC INNOVATIVE PLASTICS B V	945(GG)	PC, V-0, Min. thickness: 2.0mm, 120°C	UL
Enclosure (Alt.)	SABIC INNOVATIVE PLASTICS B V	HF500R(f2)	PC, V-0, Min. thickness: 2.0mm, 125°C	UL
Enclosure (Alt.)	TEIJIN LIMITED RESIN AND PLASTIC	LN-1250G(#)(*)	PC, V-0, Min. thickness: 2.0mm, 115°C	UL
Appliance inlet (CN1) (C14 type for T3, T3TAB type)	Leci Electronics Co., Ltd	DB-14	10A, 250Vac	KC
Appliance inlet (CN1) (C14 type for T3, T3TAB type) (Alt.)	Tecx-Unions Technology (ShenZhen) Co., Ltd	TU-301-S	10A, 250Vac	KC
Appliance inlet (CN1) (C14 type for T3, T3TAB type) (Alt.)	Tecx-Unions Technology (ShenZhen) Co., Ltd	TU-301-SP	10A, 250Vac	KC
Appliance inlet (CN1) (C6 type for T3A type)	Leci Electronics Co., Ltd	DB-6	2.5 A, 250 Vac	KC
PCB	WALEX ELECTRONIC(WUX LTD	T2, T2A, T2B, T4	Min. V-0, 130°C	UL
PCB (Alt.)	Guangdong Hetong Technology Co Ltd	CEM1, 2V0, FR4	Min. V-0, 130°C	UL
PCB (Alt.)	CHEERFUL PLASTIC ELECTRONIC PRODUCTS	02, 03, 03A	Min. V-0, 130°C	UL
PCB (Alt.)	DONGGUAN DAYSUN ELECTRONIC CO LTD	DS2	Min. V-0, 130°C	UL

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer (Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
PCB (Alt.)	SUZHOU CITY YILIHUA ELECTRONICS CO LTD	YLH-1	Min. V-0, 130℃	UL
PCB (Alt.)	DAFENG AREX ELECTRONICS TECHNOLOGY CO LTD	02V0, 03V0, 04V0	Min. V-0, 130℃	UL
PCB (Alt.)	BRITE PLUS ELECTRONICS(SU, CO LTD	DKV0-3A, DGV0-3A	Min. V-0, 130℃	UL
PCB (Alt.)	KUOTIANG ENT LTD	C-2, C-2A	Min. V-0, 130℃	UL
PCB (Alt.)	SHENZHEN TONGCHUANGXIN ELECTRONICS CO LTD	TCX	Min. V-0, 130℃	UL
PCB (Alt.)	PACIFIC WIN INDUSTRIAL LTD	PW-02, PW-03	Min. V-0, 130℃	UL
PCB (Alt.)	YUANMAN PRINTED CIRCUIT CO LTD	1V0	Min. V-0, 130℃	UL
PCB (Alt.)	GUANGDE XINKE ELECTRONICS CO LTD	XK-2, XK-3	Min. V-0, 130℃	UL
PCB (Alt.)	JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-1	Min. V-0, 130℃	UL
PCB (Alt.)	Shanghai H-FAST Electronics Co Ltd	211001, 411001	Min. V-0, 130℃	UL
Fuse (F1, F2) (F2 is optional)	Conquer Electronics Co., Ltd.	MST	T3.15A, 250V	KC
Fuse (F1, F2) (F2 is optional) (Alt.)	Suzhou Walter Electronic Co., Ltd.	ICP	T3.15A, 250V	KC
Fuse (F1, F2) (F2 is optional) (Alt.)	Suzhou Walter Electronic Co., Ltd.	2010	T3.15A, 250V	KC
Fuse (F1, F2) (F2 is optional) (Alt.)	Dongguan Cooper Electronics Co. Ltd	SS-5	T3.15A, 250V	KC
Fuse (F1, F2) (F2 is optional) (Alt.)	Shenzhen Lanson Electronics Co. Ltd.	SMT	T3.15A, 250V	KC

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Fuse (F1, F2) (F2 is optional) (Alt.)	Conquer Electronics Co., Ltd.	MET	T3.15A, 250V	KC
Y capacitor (CY1, CY2) (Optional)	TDK Xiamen Co.,Ltd	CD	Max. 2200 pF, AC 250V, Y1	KC
Y capacitor (CY1, CY2) (Optional) (Alt.)	SUCCESS ELECTRONICS (HUIZHOU) CO.,LTD	SE	Max. 2200 pF, AC 250V, Y1	KC
Y capacitor (CY1, CY2) (Optional) (Alt.)	SUCCESS ELECTRONICS (HUIZHOU) CO.,LTD	SB	Max. 2200 pF, AC 250V, Y1	KC
X capacitor (CX1) (Optional)	Cheng Tung Industrial Co., Ltd.	CTX	275 VAC, X2, Max. 0.22 uF	KC
X capacitor (CX1) (Optional) (Alt.)	Dain Electronics Co., Ltd.	MPX	275 VAC, X2, Max. 0.22 uF	KC
X capacitor (CX1) (Optional) (Alt.)	KUNSHAN UTX VALUE ENTERPPISE CO.,LTD.	HQX	Max. 0.22 uF, Min. 275 VAC, X2	KC
Bleeder resistor (R1, R2, R1A, R2A)	Interchangeable	Interchangeable	R1, R2: Each 2.0 Mohm, R1A, R2A : Each 4.7 Mohm	-
Photo coupler (U2)	Everlight Electronics Co., Ltd.	EL817	Dti=0.5mm Int., dcr=6.0mm EXT.dcr=7.7mm	VDE
Photo coupler (U2) (Alt.)	COSMO Electronics Corporation	K1010 / KP1010	Dti=0.6mm Int., dcr=4.0mm EXT.dcr=5.0mm	VDE
Photo coupler (U2) (Alt.)	Lite-On Technology Corporation	LTV-817	Dti=0.8mm Int., EXT.dcr=7.8mm	VDE
Photo coupler (U2) (Alt.)	Fairchild Semiconductor Pte Ltd.	H11A817B / FOD817B	Insulation voltage: 850V; Transient overvoltage: 6000V; CTI175; Int. Cr/ Ext. Cr: ≥7,0/ 7,0 mm	VDE
Photo coupler (U2) (Alt.)	Sharp Corporation Electronic Components and Devices Group	PC817	Insulation voltage: 890V; Transient overvoltage: 9000V Int. Cr/ Ext. Cr: 7.62/ 7.62 mm	VDE
Photo coupler (U2) (Alt.)	Bright Led Electronics Corp.	BPC-817 A/B/C/D/L, BPC-817 M, BPC-817 S	Dti=0.4mm EXT.dcr=7.0mm	VDE

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer (Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Photo coupler (U2) (Alt.)	Toshiba Corporation Semiconductor & Storage Products Company	TLP817F	Dti > 0.4mm, Ext cr > 8.0mm, Isolation 3000Vac min.	VDE
Varistor (MOV1) (Optional)	Thinking Electronic Industrial Co., Ltd.	TVR10471K, TVR14471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (Optional) (Alt.)	Centra Science Corp.	10D471K, 14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (Optional) (Alt.)	Success Electronics Co., Ltd.	SVR10D471K, SVR14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (Optional) (Alt.)	Walsin Technology Co., Ltd.	14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (Optional) (Alt.)	Lien Shun Electronics Co., Ltd.	14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (Optional) (Alt.)	Ceramate Techn. Co., Ltd.	GNR10D471K, GNR14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (Optional) (Alt.)	Brightking (Shenzhen) Co., Ltd.	14D471K, 10D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Varistor (MOV1) (Optional) (Alt.)	Joyin Co., Ltd.	JVR10N471K, JVR14N471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	VDE
Transformer (T1)	WUXI HAOPUWEI ELECTRONICS CO.,LTD	320-02948002 (Label: TF049)	Class B	-
Inductor (LF1)	WUXI HAOPUWEI ELECTRONICS CO.,LTD	321-02403892	130 ℃	-
Inductor (LF2)	WUXI HAOPUWEI ELECTRONICS CO.,LTD	321-02401284	130 ℃	-
Inductor (L1)	WUXI HAOPUWEI ELECTRONICS CO.,LTD	321-02402902	130 ℃	-
Line Filter (L2)	WUXI HAOPUWEI ELECTRONICS CO.,LTD	321-02403502 (Label: LF029)	130 ℃	-
Line Filter (L3)	WUXI HAOPUWEI ELECTRONICS CO.,LTD	321-02401202	130 ℃	-

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3. 전기용품안전인증의 변경현황 (Status of Certificate Revisions)

일자(Date)	발급현황 (Status of issues)
	변경내용 (Modification of Contents)
2021/05/17	기본+파생모델등록 (Basic + Series Model)

4. 기타 (Carefully Informed Note)

- 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 될 수 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 제11조에 따라 안전인증이 취소될 수 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):



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No.1 표시사항

전기용품안전관리법에 의한 표시

안전인증번호(安全认证编号): HUXXXXX-XXXXX

제 품 명(产 品 名): AC/DC Adaptor

모델명(型号名): GTM961200P12024-T3

정 격 : (額 定) Input: 100-240V~, 50-60Hz, 1.5A
Output: 24.0Vdc, 5.0A

제조사(工 厂名): GlobTek (Suzhou) Co.,Ltd.

제 조 국(制 造 国):China

제조년월(制造年月): 2019/10

A/S 연락처(A/S 韩国售后服务联络处): 02-3451-3400



No.2 외부



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No.3 외부



No.4 외부

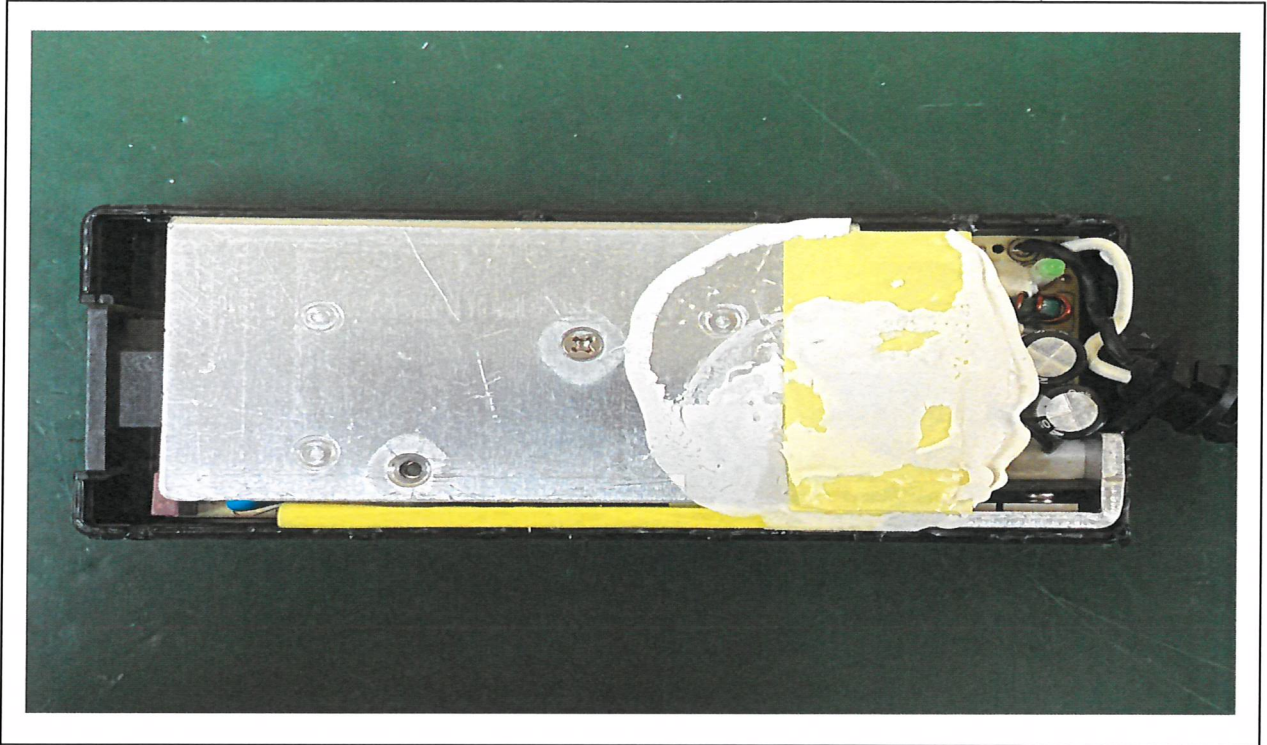


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No.5 내부



No.6 내부

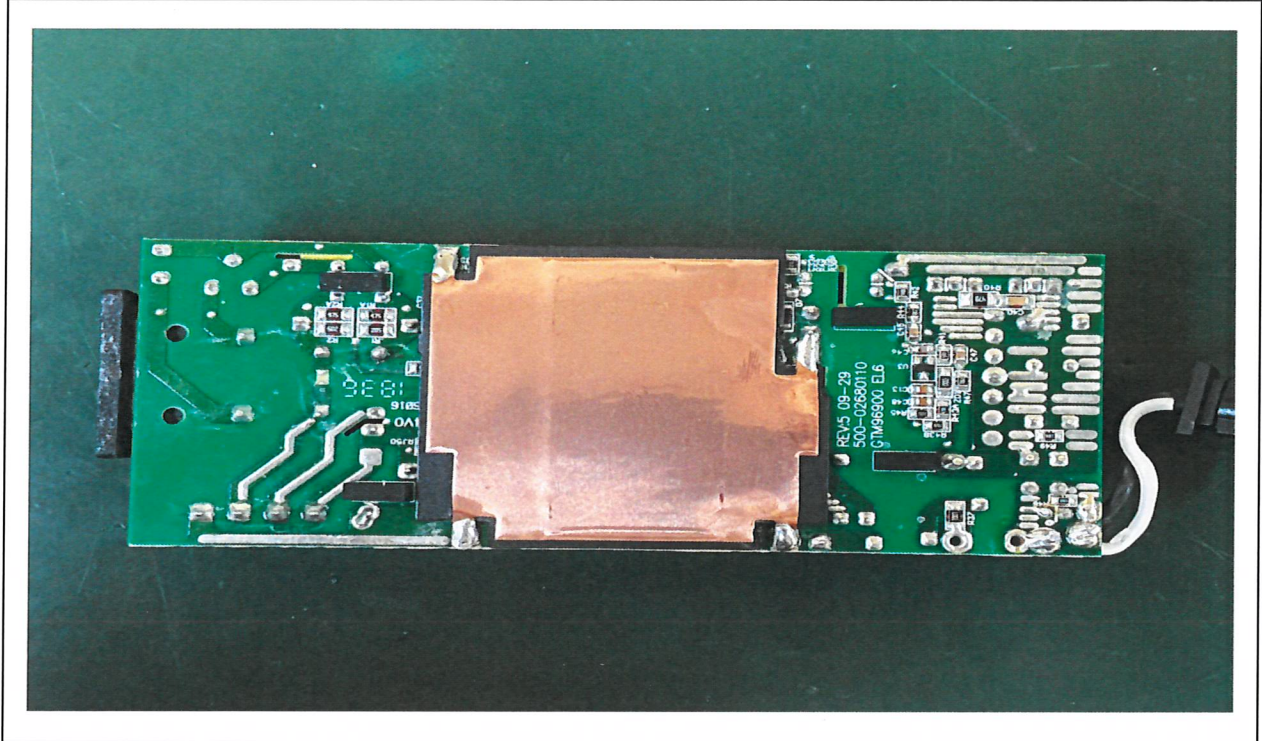


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No.7 내부



No.8 내부

