



안전인증서

Safety Certificate

안전인증번호: HU10537-18047A

(Certificate No.)

제조업자/수입업자명: Dee Van Electronics (Longchuan) Co., Ltd.

(Manufacturer/importer)

주 소: Meichun Industrial District, Longchuan Country, Heyuan, Guangdong
(Address) 517300, China

제 품 명: 직류전원장치

(Product)

기본모델명: DSA-10PFP-05 055200

(Basic Model)

파생모델명 (Series Model):

DSA-10PFP-05 050100

DSA-10PFP-05 050120

DSA-10PFP-05 050140

DSA-10PFP-05 050150

DSA-10PFP-05 050160

DSA-10PFP-05 050170

DSA-10PFP-05 050175

DSA-10PFP-05 050180

DSA-10PFP-05 050200

이면기재

정격/안전기준상의 모델구분: 100-240 V~, 50/60 Hz, 0.3 A (O/P: 5.5 Vdc, 2.0 A)
(Rating)

시험기준: K 60950-1(2011-12)

(Standard)

본 인증서는 제조국명: 중국

제조업자명: Dee Van Electronics (Longchuan) Co., Ltd.

제조공장의 주소: Meichun Industrial District, Longchuan Country, Heyuan,
Guangdong 517300, China

의 제품에만 해당함

「전기용품 및 생활용품 안전관리법 시행규칙」 제9조제2항·제4항 또는 제10조제2항에 따라 안전인증서를 발급합니다.
We issue this Safety Certificate for the above appliances in accordance with the Article 9(2), 9(4) or 10(2) of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.

2018 년 03 월 30 일
(Year) (Month) (Day)

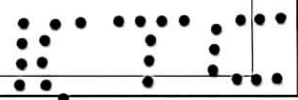


한국기계전기전자시험연구원
Korea Testing Certification



※ 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.

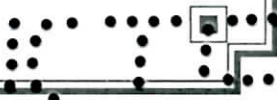
첨부서류	1. 전기용품의 안전관리부품 및 재질목록 (List of Critical Components)
	2. 기본모델·파생모델의 내용 (Descriptions of the basic and series model)
	3. 안전인증의 변경 현황 (Revisions Status)





■
DSA-10PFP-05 052100
DSA-10PFP-05 052140
DSA-10PFP-05 052160
DSA-10PFP-05 052175
DSA-10PFP-05 052200
DSA-10PFP-05 055120
DSA-10PFP-05 055150
DSA-10PFP-05 055170
DSA-10PFP-05 055180

■
DSA-10PFP-05 052120
DSA-10PFP-05 052150
DSA-10PFP-05 052170
DSA-10PFP-05 052180
DSA-10PFP-05 055100
DSA-10PFP-05 055140
DSA-10PFP-05 055160
DSA-10PFP-05 055175



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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)	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 제19조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark: Marking shall comply with the Article 19 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)	DSA-10PFP-05 055200	100-240 V~, 50/60 Hz, 0.3 A (O/P: 5.5 Vdc, 2.0 A)	
파생모델 (Series model)	DSA-10PFP-05 055180		Identical to the basic model except for the model name and output(5.5 Vdc, 1.8 A)
	DSA-10PFP-05 055175		Identical to the basic model except for the model name and output(5.5 Vdc, 1.75 A)
	DSA-10PFP-05 055170		Identical to the basic model except for the model name and output(5.5 Vdc, 1.7 A)
	DSA-10PFP-05 055160		Identical to the basic model except for the model name and output(5.5 Vdc, 1.6 A)



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DSA-10PFP-05 055150	Identical to the basic model except for the model name and output(5.5 Vdc, 1.5 A)
DSA-10PFP-05 055140	Identical to the basic model except for the model name and output(5.5 Vdc, 1.4 A)
DSA-10PFP-05 055120	Identical to the basic model except for the model name and output(5.5 Vdc, 1.2 A)
DSA-10PFP-05 055100	Identical to the basic model except for the model name and output(5.5 Vdc, 1.0 A)
DSA-10PFP-05 052200	Identical to the basic model except for the model name and output(5.2 Vdc, 2.0 A)
DSA-10PFP-05 052180	Identical to the basic model except for the model name and output(5.2 Vdc, 1.8 A)
DSA-10PFP-05 052175	Identical to the basic model except for the model name and output(5.2 Vdc, 1.75 A)
DSA-10PFP-05 052170	Identical to the basic model except for the model name and output(5.2 Vdc, 1.7 A)
DSA-10PFP-05 052160	Identical to the basic model except for the model name and output(5.2 Vdc, 1.6 A)
DSA-10PFP-05 052150	Identical to the basic model except for the model name and output(5.2 Vdc, 1.5 A)
DSA-10PFP-05 052140	Identical to the basic model except for the model name and output(5.2 Vdc, 1.4 A)
DSA-10PFP-05 052120	Identical to the basic model except for the model name and output(5.2 Vdc, 1.2 A)
DSA-10PFP-05 052100	Identical to the basic model except for the model name and output(5.2 Vdc, 1.0 A)



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DSA-10PFP-05 050200	Identical to the basic model except for the model name and output(5.0 Vdc, 2.0 A)
DSA-10PFP-05 050180	Identical to the basic model except for the model name and output(5.0 Vdc, 1.8 A)
DSA-10PFP-05 050175	Identical to the basic model except for the model name and output(5.0 Vdc, 1.75 A)
DSA-10PFP-05 050170	Identical to the basic model except for the model name and output(5.0 Vdc, 1.7 A)
DSA-10PFP-05 050160	Identical to the basic model except for the model name and output(5.0 Vdc, 1.6 A)
DSA-10PFP-05 050150	Identical to the basic model except for the model name and output(5.0 Vdc, 1.5 A)
DSA-10PFP-05 050140	Identical to the basic model except for the model name and output(5.0 Vdc, 1.4 A)
DSA-10PFP-05 050120	Identical to the basic model except for the model name and output(5.0 Vdc, 1.2 A)
DSA-10PFP-05 050100	Identical to the basic model except for the model name and output(5.0 Vdc, 1.0 A)



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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 Us L L C	SE1X	V-1	UL
(alt)	Asahi Kasei Chemicals Corp Xyron Polymer	540V	V-1	UL
(alt)	Bayer Materialscience Ag	6485	V-0	UL
(alt)	SABIC Japan L L C	925U	V-0	UL
PCB	Dongguan He Tong Electronics Co Ltd	2V0	V-0, min. 130 ℃	UL
(alt)	Interchangeable	Interchangeable	V-1 or better, 130 ℃	UL
Fusible resistor (RF1)	Chang Sheng	FRT	3.3Ω,2W or 10Ω,2W	-
(alt)	TZAI YUAN	KNF	3.3Ω,2W or 10Ω,2W	-
(alt)	Hua Sheng Electronics	FKN	3.3Ω,2W or 10Ω,2W	-
(alt)	Shenzhen Great	RXF series	3.3Ω,2W or 10Ω,2W	-
Line choke (L1)	Interchangeable	Interchangeable	Min.1.0 mH, 130 ℃	-
Electrolytic Cap. (C1,C2)	Interchangeable	Interchangeable	6.8-15 uF, Min. 400 Vdc 105 ℃	-
Y-Capacitor (CY1) (Optional)	Tdk-Epc Corp	CD	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Success Electronics Co Ltd	SE	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Success Electronics Co Ltd	SB	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Murata Mfg Co Ltd	KX	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Jya-Nay Co Ltd	JN	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Welson Industrial Co Ltd	WD	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Samwha Capacitor	SD	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Nanjing Yuyue Electronics Co., Ltd.	CT7	Max. 1000 pF, min. 250 Vac, Y1 type	KC



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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer (Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(alt)	Yinan Don's Electronic Component Co	CT81	Max. 1000 pF, min. 250 Vac, Y1 type	KC
(alt)	Jyh Hsu (Jec) Electronics Ltd	JD	Max. 1000 pF, min. 250 Vac, Y1 type	KC
Transformer (T1)	Dee Van Enterprise Co Ltd	90E10PFL0-xxx ("xxx" to denote the part number, can be any alphanumeric character for marketing purposes only.)	Class B	-
Triple insulate wire (T1)	Furukawa Electric Co Ltd	TEX-E	Class B	VDE
(alt)	Cosmolink Co Ltd	TIW-M	Class B	VDE
(alt)	Young Chang Silicone Co Ltd	STW-B	Class B	VDE, UL
(alt)	Great Leoflon Industrial Co Ltd	TRW (B)	Class B	VDE
(alt)	E&B Technology Co Ltd	E&B-B-X.XX	Class B	VDE
(alt)	Dah Jin Technology Co Ltd	TLW-B	Class B	VDE
(alt)	Yusheng Electric Co., Ltd.	TIW-B, TWE-3	Class B	VDE



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3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2018/03/30	기본+파생모델등록(Basic + Series Model)

4. 기타(Carefully Informed Note)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등록을 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):



기술문서붙임자료

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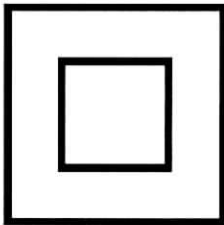
No.1 표시사항

Switching Adapter/电源适配器
MODEL/型号: DSA-10PFP-05 055200
INPUT/输入: 100-240V ~ 50/60Hz 0.3A
OUTPUT/输出: +5.5V --- 2A

EFFICIENCY LEVEL: VI



PIN1 "+"
PIN4 "-"
PIN2,3 "short"



제	품	명	: 직류전원장치
모	델	명	: DSA-10PFP-05 055200
정	격	입	: AC 100-240V, 50/60Hz, 0.3A
성	격	출	: DC +5.5V, 2A
제	조	자	: Dee Van Electronics (Longchuan) Co., Ltd.
AVS	TEL	:	




모 델 명 : DSA-10PFP-05 055200
최저소비효율기준 만족 제품

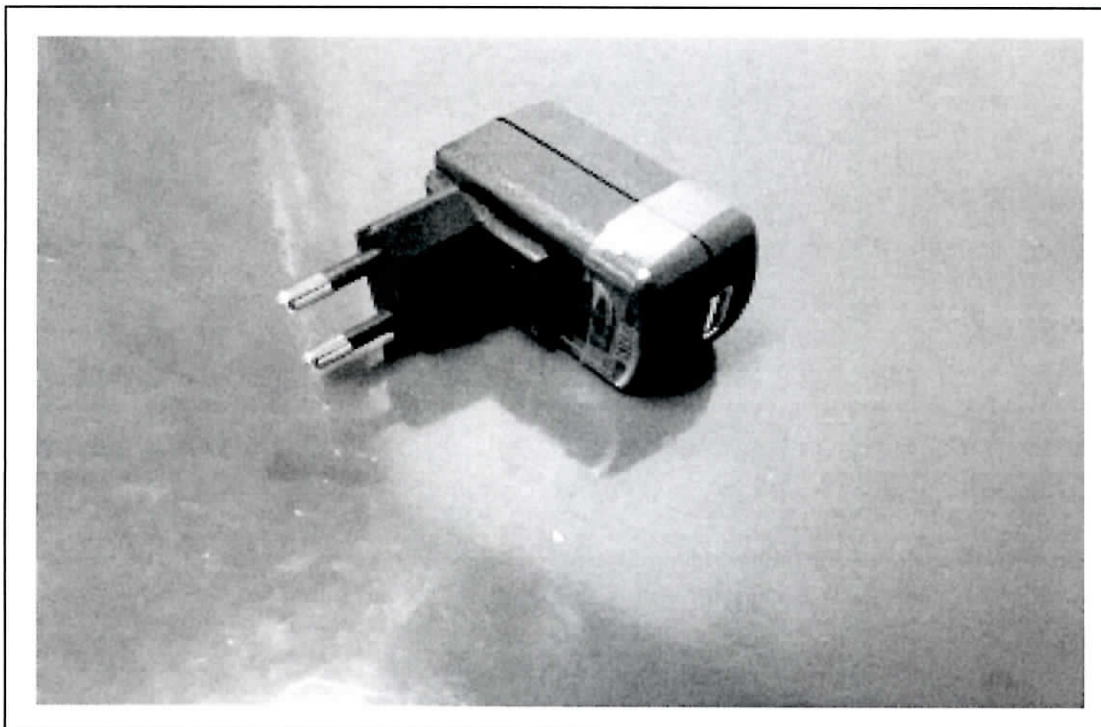
전기용품안전관리법에 의한 표시

DEE VAN ENTERPRISE CO., LTD. 帝闻企业股份有限公司
No.5 Pao-Kao Road Hsin-Tien Taipei 231 Taiwan (G)

Made In China/中国制造

KC: XXXXXXXX-XXXXX
KCC: XXXXXXXXXXXXX

No.2 외부사진

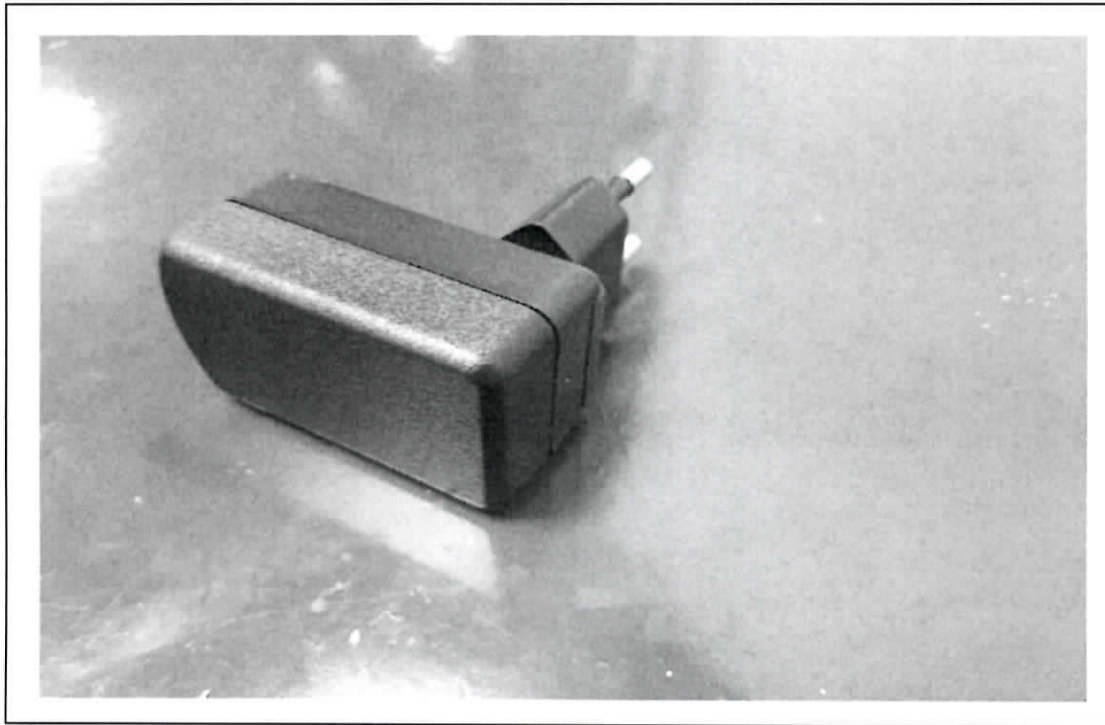


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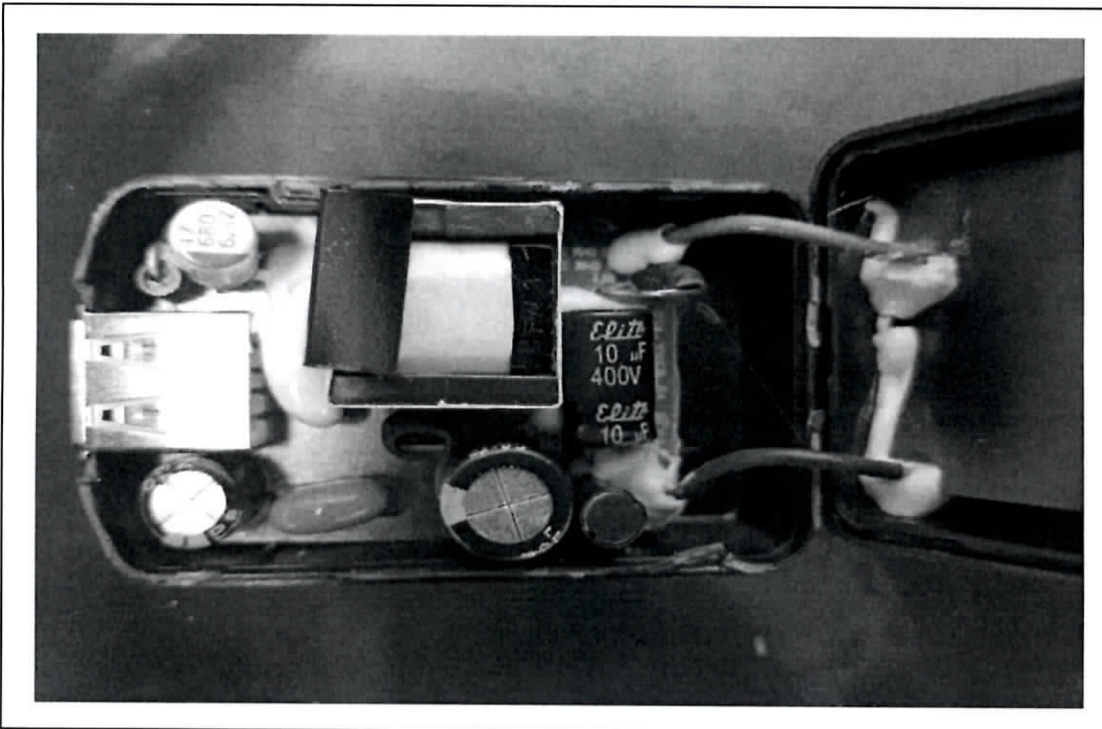
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No.3 외부사진



No.4 내부사진

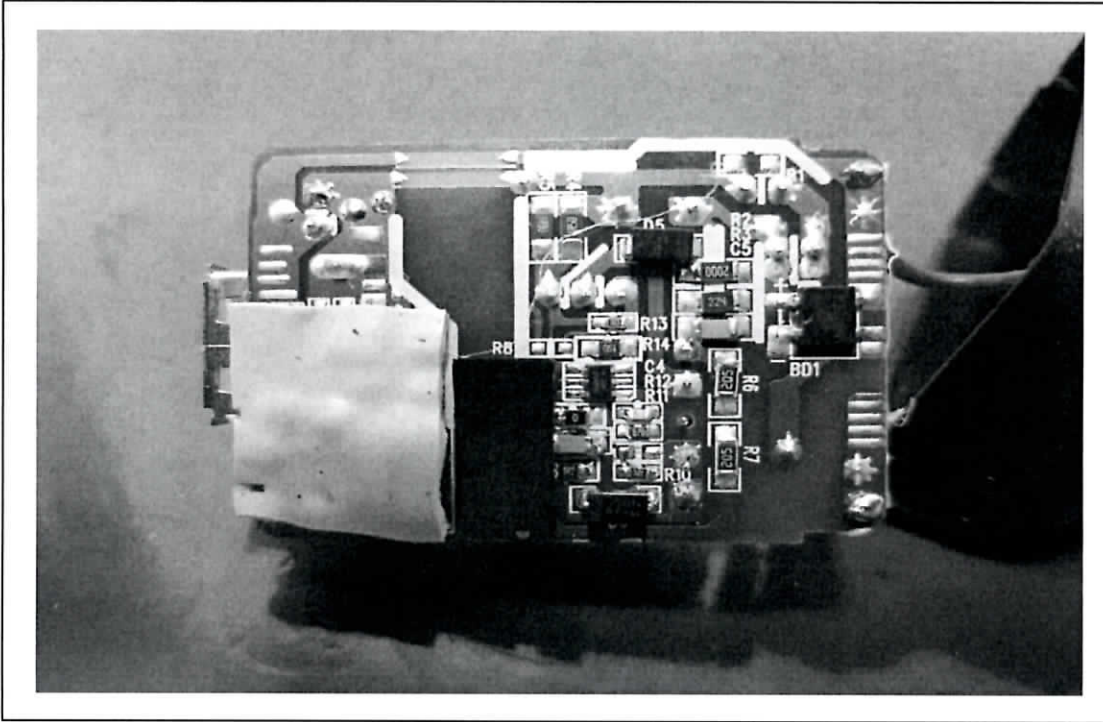


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No.5 내부사진



No.6 내부사진

