



安規證書

料號 :
Model Name : FSP060-RAAK3
版次 : 01
文件編號 : SFD-00004682
作者 : doration/田婷璋(FSP)
Model No/Type : FSP060-RAAK3
SFA NO. : SFA19111102
Trade mark : -
安規種類 : KC/資訊類
發行日期 : 2020/02/18 20:56:30
備註 : NEW

0952-FB5C-194A-E861

방송통신기자재등의 적합등록 필증
Registration of Broadcasting and Communication Equipments

상호 또는 성명 <i>Trade Name or Registrant</i>	Zhonghan Electronics (Shenzhen) Co., Ltd.
기자재명칭(제품명칭) <i>Equipment Name</i>	AC Adapter
기본모델명 <i>Basic Model Number</i>	FSP060-RAAK3
파생모델명 <i>Series Model Number</i>	
등록번호 <i>Registration No.</i>	R-R-FSZ-FSP060-RAAK3
제조사/제조(조립)국가 <i>Manufacturer/Country of Origin</i>	Zhonghan Electronics (Shenzhen) Co., Ltd. / 중국
등록연월일 <i>Date of Registration</i>	2020-01-09
기타 <i>Others</i>	

위 기자재는 「전파법」 제58조의2 제3항에 따라 등록되었음을 증명합니다.
 It is verified that foregoing equipment has been registered under the Clause 3, Article 58-2 of Radio Waves Act.

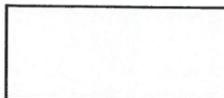
2020년(Year) 01월(Month) 09일(Day)

국립전파연구원장



Director General of National Radio Research Agency

※ 적합등록 방송통신기자재는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다.
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안전인증번호: HU10142-20209A
(Certificate No)

접수번호: 201911220 - 0038
(Receipt No)

부품명(외문기종) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
Fuse (F1)	Liteilfuse, Inc. Wickmann - Werke (VDE) Liteilfuse Wickmann Werke (UJ)	392	250 Vac, T3.15 AL	IEC
(Alt.)	Ever Island Electric Co Ltd & Walter Electric Co., Ltd.	2010 series	250 Vac, T3.15 AL	IEC
(Alt.)	Conquer Electronics Co., Ltd.	MST-series	250 Vac, T3.15 AL	IEC
(Alt.)	BEL Fuse Ltd.	RST-series	250 Vac, T3.15 AL	IEC
(Alt.)	Cooper Bussmann L L C	SS-5	250 Vac, T3.15 AL	IEC
Varistor (VARI Optional)	Thinking Electronic Industrial Co., Ltd.	TVR10471-D, TVR10471-V, TVR14471 TVR14471-D	300 Vac, 385 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Thinking Electronic Industrial Co., Ltd.	TVR10621-D, TVR10621-V, TVR14621 TVR14621-D	395 Vac, 510 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Thinking Electronic Industrial Co., Ltd.	TVR10561-D, TVR10561-V	350 Vac, 450 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Thinking Electronic Industrial Co., Ltd.	TVR14681- TVR14681-D, TVR10681-D, TVR10681-V	420 Vac, 560 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Thinking Electronic Industrial Co., Ltd.	TVR14751- TVR14751-D, TVR10751-D, TVR10751-V	465 Vac, 615 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Thinking Electronic Industrial Co., Ltd.	TVR14561- TVR14561-D	350 Vac, 450 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Guangxi New Future Information Industry Co., Ltd.	10D471K, 14D471K, 20D471K	300 Vac, 385 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Guangxi New Future Information Industry Co., Ltd.	10D511K, 14D511K, 20D511K	320 Vac, 415 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	Guangxi New Future Information Industry Co., Ltd.	10D561K, 14D561K, 20D561K	350 Vac, 460 Vdc (Flame class of body coating complied with V-0)	IEC

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부품명(외로기호) Components(Part no.)	제조사(상표명) Manufacturer (Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(Alt.) Guangxi New Future Information Industry Co., Ltd.	Guangxi New Future Information Industry Co., Ltd.	10D621K, 14D621K, 20D621K	385 Vac, 505 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.) Guangxi New Future Information Industry Co., Ltd.	Guangxi New Future Information Industry Co., Ltd.	10D681K, 14D681K, 20D681K	420 Vac, 560 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.) Guangxi New Future Information Industry Co., Ltd.	Guangxi New Future Information Industry Co., Ltd.	14D751K	460 Vac, 615 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.) EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	S10K300, S10K300E2, S10K300E2K1, S14K300, S14K300E2, S14K300E2K1, S20K300, S20K300E2, S20K300E2K1	300 Vac, 385 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.) EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	S10K320, S10K320E2, S10K320E2K1, S14K320, S14K320E2, S14K320E2K1, S20K320, S20K320E2, S20K320E2K1	320 Vac, 420 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.) EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	S10K350E2K1, S14K350E2K1, S20K350E2K1	350 Vac, 460 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.) EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	S10K385, S10K385E2, S10K385E2K1, S14K385, S14K385E2, S14K385E2K1, S20K385, S20K385E2, S20K385E2K1	385 Vac, 505 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.) EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	S10K420, S10K420E2, S10K420E2K1, S14K420, S14K420E2, S14K420E2K1, S20K420, S20K420E2, S20K420E2K1	420 Vac, 560 Vdc (Flame class of body coating complied with V-0)	IEC

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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.)	EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	S10K440, S14K440, S20K440	440 Vac, 585 Vdc (Flame class of body coating complied with V-0)	IEC
(Alt.)	EPCOS OHG (VDE) EPCOS (Zhuhai FTZ) Co., Ltd. (US)	S10K460, S10K460E2, S10K460E2K1, S14K460, S14K460E2, S14K460E2K1, S20K460, S20K460E2, S20K460E3K1	460 Vac, 615 Vdc (Flame class of body coating complied with V-0)	IEC
Choke (LF1) (Optional)	FSP/SPI	8LM04160	130 ℃	-
X-Capacitor (CX1) (X1 or X2 type) (Optional)	Hua Jung Components Co., Ltd.	MKP	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	ZhuHai Sung He Electronics Co., Ltd.	CMPF	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Okaya Electric Industries Co., Ltd.	LE(-*)	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Carl Electronics Co., Ltd.	MPX	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Iskra, d d	KNB1530	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Iskra, d d	KNB1560, KNB1563, KNB1562	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Shiny Space Enterprise Co., Ltd.	SX1	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Chiefton Electronics Co., Ltd.	CKX	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Ultra Tech Xiphi Enterprise Co Ltd	HQX	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
(Alt.)	Kemet Electronics Italia SRL (UL); Arcoelectronics (ENEC)	R.49	Max. 0.1 μ F, Min. 250 Vac, Min. 100 ℃	IEC
X-Capacitor (CX2) (X1 or X2 type) (Optional)	Hua Jung Components Co., Ltd.	MKP	Max. 0.47 μ F, Min. 250 Vac, Min. 100 ℃	IEC

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부품명(외로기호) Components(Part no.)	제조사(상표명) Manufacturer (Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
(Alt.)	Zhuohai Sung Ho Electronics Co., Ltd.	CMP	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Okaya Electric Industries Co., Ltd.	LE(-*)	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Carli Electronics Co., Ltd.	MPX	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Iskra, d d	KNB1530	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Iskra, d d	KNB1560, KNB1563, KNB1562	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Shiny Space Enterprise Co., Ltd.	SX1	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Chietcon Electronics Co., Ltd.	CKX	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Ultra Tech Xiphi Enterprise Co Ltd	HQX	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
(Alt.)	Kemet Electronics Italia SRL (UL), Arcotronics (ENEC)	R.49	Max. 0.47 μ F, Min. 250 Vac, Min. 100 $^{\circ}$ C	IEC
Bridging-Capacitor (CY2, CY3) (Optional) (Y1 type)	Walsin Technology Corp.	AH	Min. 250 V, min 125 $^{\circ}$ C, max. 680 pF	IEC
(Alt.)	TDK Corporation	CD CD (miniature series)	Min. 250 V, min 125 $^{\circ}$ C, max. 680 pF	IEC
(Alt.)	Murata Mfg Co., Ltd.	KX RA	Min. 250 V, min 125 $^{\circ}$ C, max. 680 pF	IEC
(Alt.)	Success Electronics Co., Ltd.	SB, SE, SF	Min. 250 V, min 125 $^{\circ}$ C, max. 680 pF	IEC
(Alt.)	Yinan Dong's Electronic Component Co.,Ltd	CT81	Min. 250 V, min 125 $^{\circ}$ C, max. 680 pF	IEC
(Alt.)	GUANGDONG HUIWAN ELECTRONICS TECHNOLOGY CO.,LTD	AR	Min. 250 V, min 125 $^{\circ}$ C, max. 680 pF	IEC

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(Receipt No)

부품명(회랑기종) 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., Ltd.	Yinan Don's Electronic Component Co., Ltd.	CT81	Min. 250 V, min. 125 °C, max. 2200 pF	IEC
(Alt.)	Guangdhg Huiwan Electronics Technology Co., Ltd.	AR	Min. 250 V, min. 125 °C, max. 2200 pF	IEC
Bleeder Resistor (R1, R2, R3, R4)	Interchangeable	Interchangeable	Max. 16 MΩ, min. 1/4 W	-
PCB	Interchangeable	Interchangeable	V-0 or better, min. 130 °C	UL

[서식 CP401-18-001]

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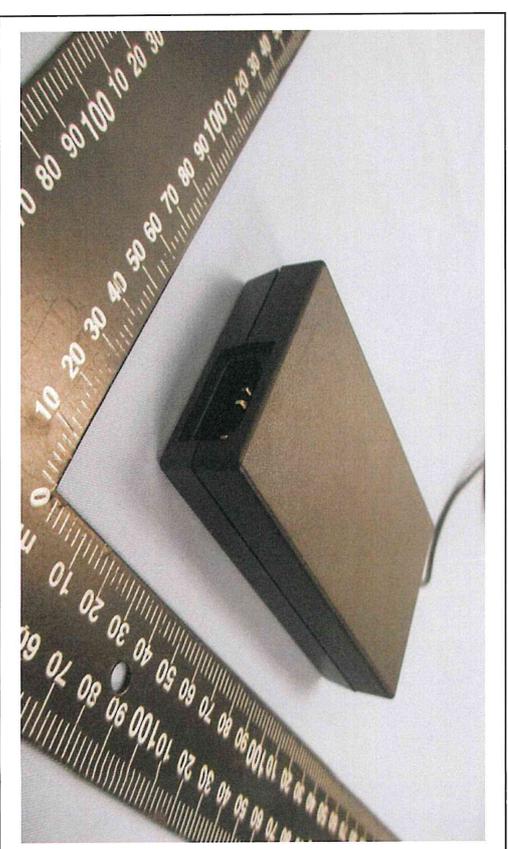
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안전인증번호 : HU10142-20209A
No.1 KC Label

접수번호 : 20191220-0038



No.2 External View



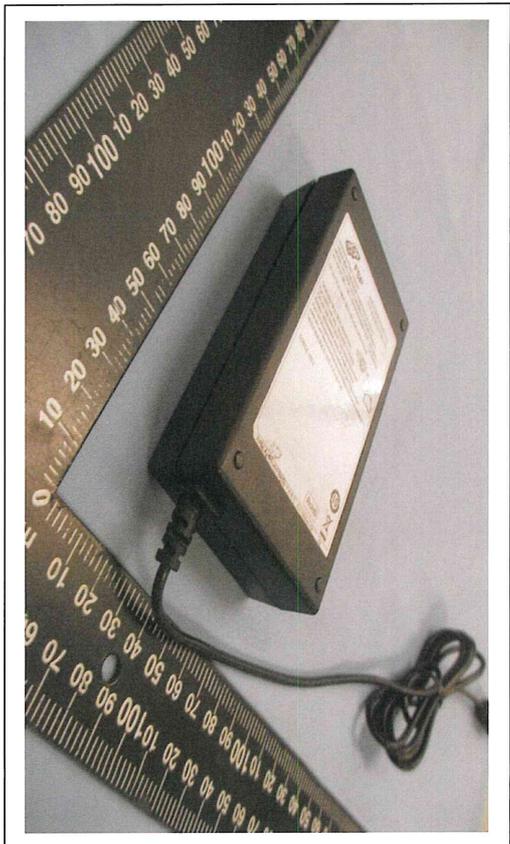
한국기계전기전자시험연구원
Korea Testing Certification

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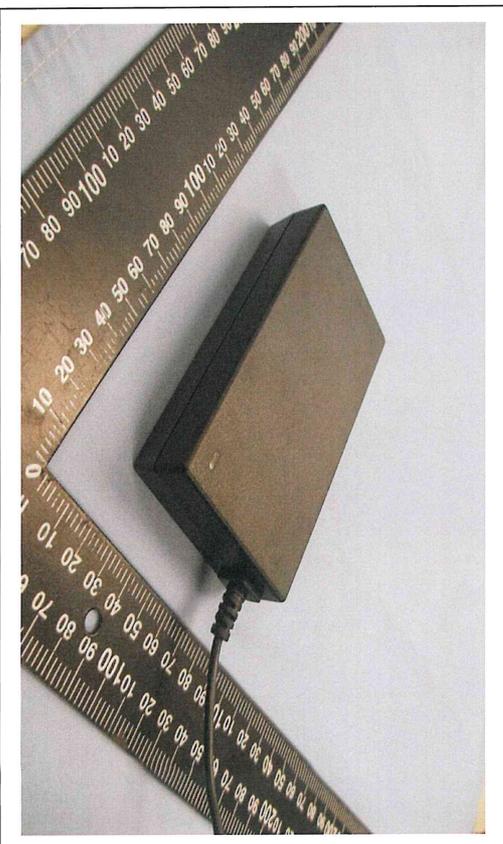
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안전인증번호 : HU10142-20209A
No.3 External View

접수번호:20191220-0038



No.4 External View



한국기계전기전자시험연구원

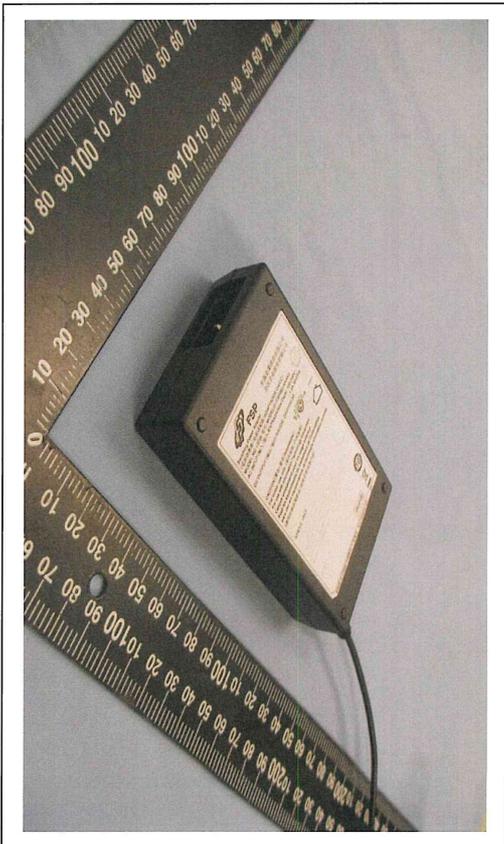
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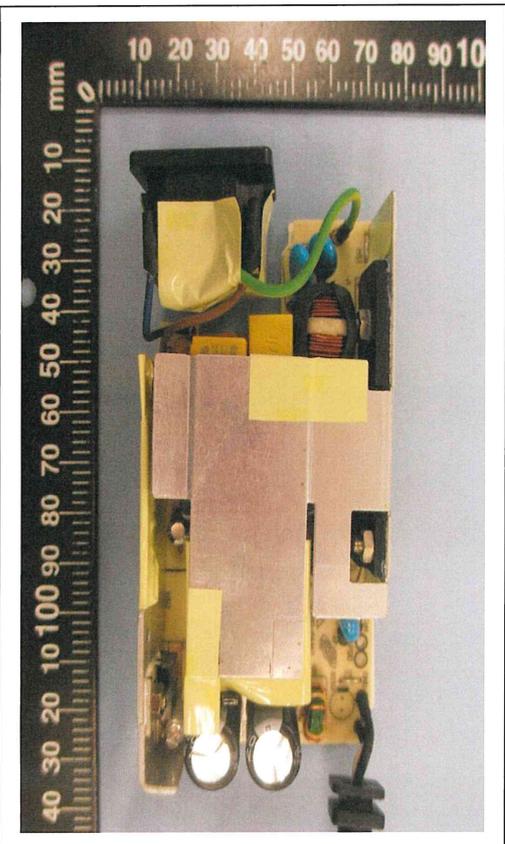
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안전인증번호 : HU10142-20209A
No.5 External View

접수번호 : 20191220-0038



No.6 PCB View



한국기계전기전자시험연구원

Korea Testing Certification

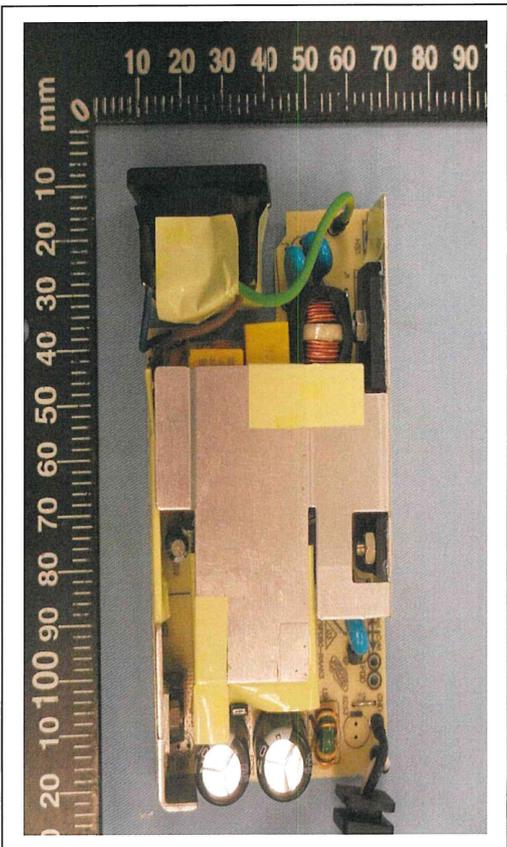


기술문서붙임자료

안전인증번호 : HU10142-20209A

접수번호 : 20191220-0038

No.7 PCB View



No.8 PCB View



한국기계전기전자시험연구원

Korea Testing Certification

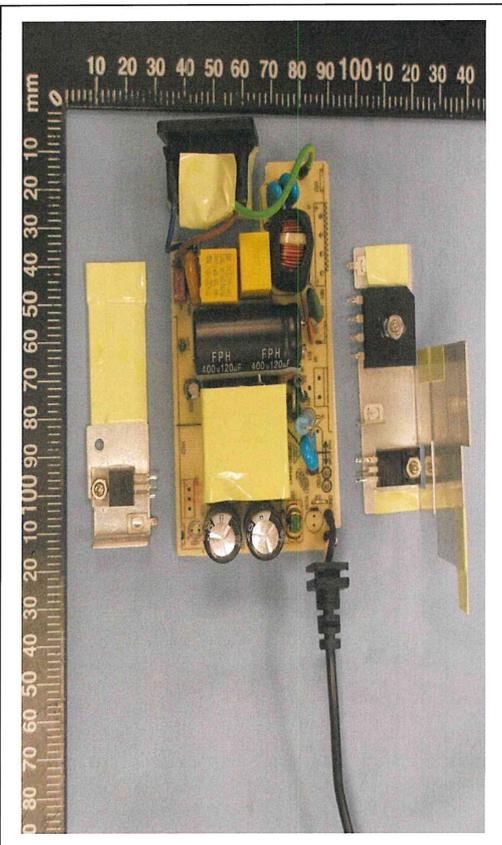
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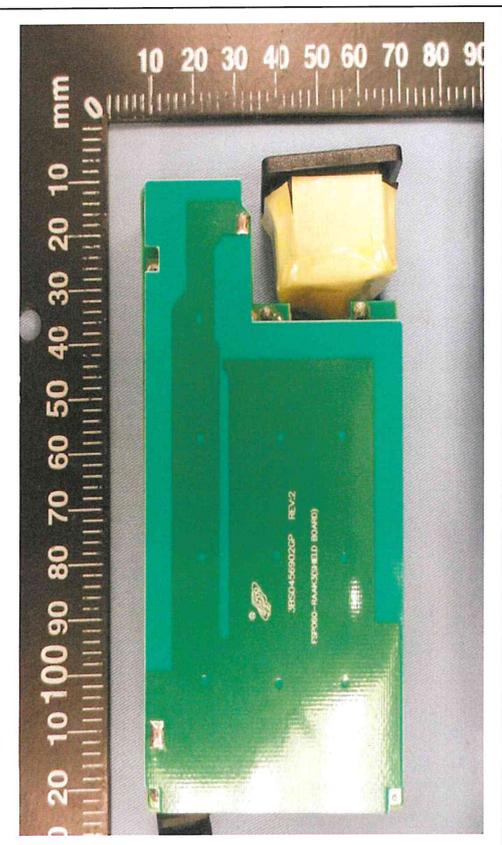
안전인증번호 : HU10142-20209A

접수번호 : 20191220-0038

No.9 PCB View



No.10 PCB View



한국기계전기전자시험연구원
Korea Testing Certification

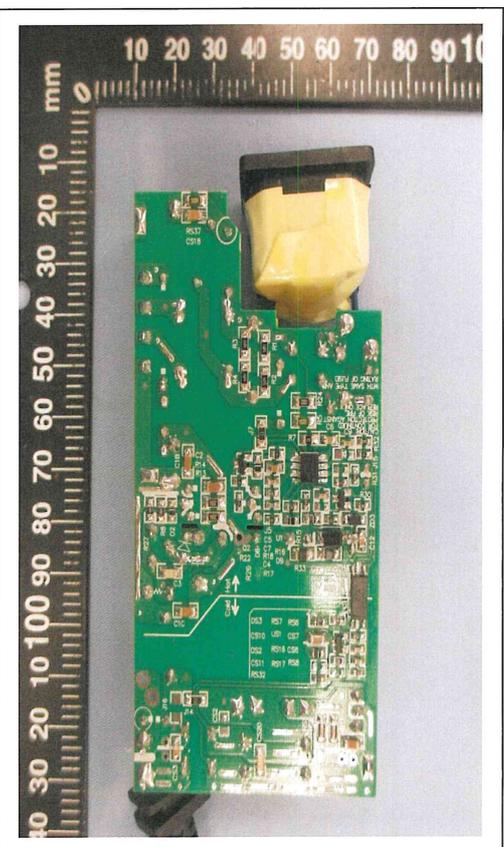


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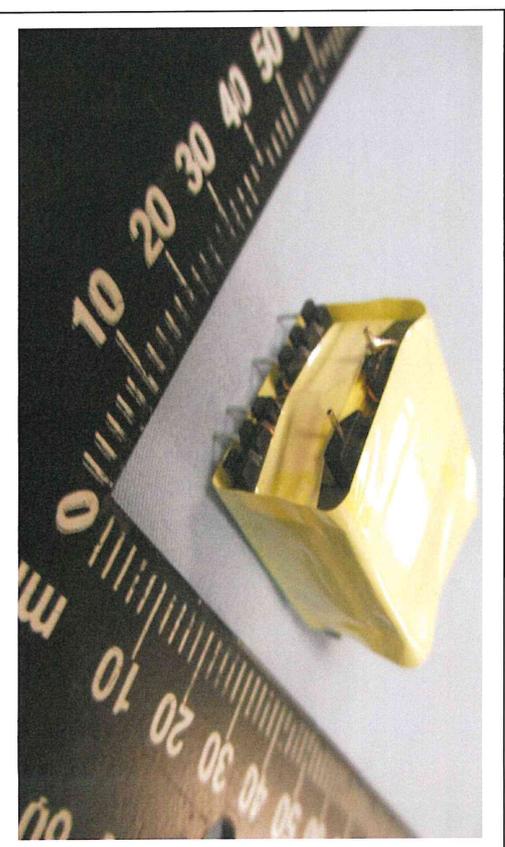
안전인증번호 : HU10142-20209A

접수번호 : 20191220-0038

No. 11 PCB View



No. 12 Transformer



한국기계전기전자시험연구원

Korea Testing Certification

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기술문서붙임자료

안전인증번호 : HU10142-20209A

No. 13 Transformer

점수번호 : 20191220-0038

