1.0 Reference and Address					
Report Number	210201070SHA-001	Original Issued:	20-Apr-2021	Revised:	None
Standard(s)	Audio/Video, Information And Communication Technology Equipment - Part 1: Safety Requirements [UL 62368-1:2014 Ed.2] Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements (R2019) [CSA C22.2#62368-1:2014 Ed.2]				

Applicant	GlobTek, Inc.	Manufacturer	**GlobTek (Suzhou) Co., Ltd.**
Address	186 Veterans Dr. Northvale, NJ 07647	Address	Building 4. No 76 JinLing East Road, Suzhou Industrial Park, Suzhou, JiangSu, 215021
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Phone	(201)784-1000 Ext.106	Phone	86 512 6279 0301 Ext.189
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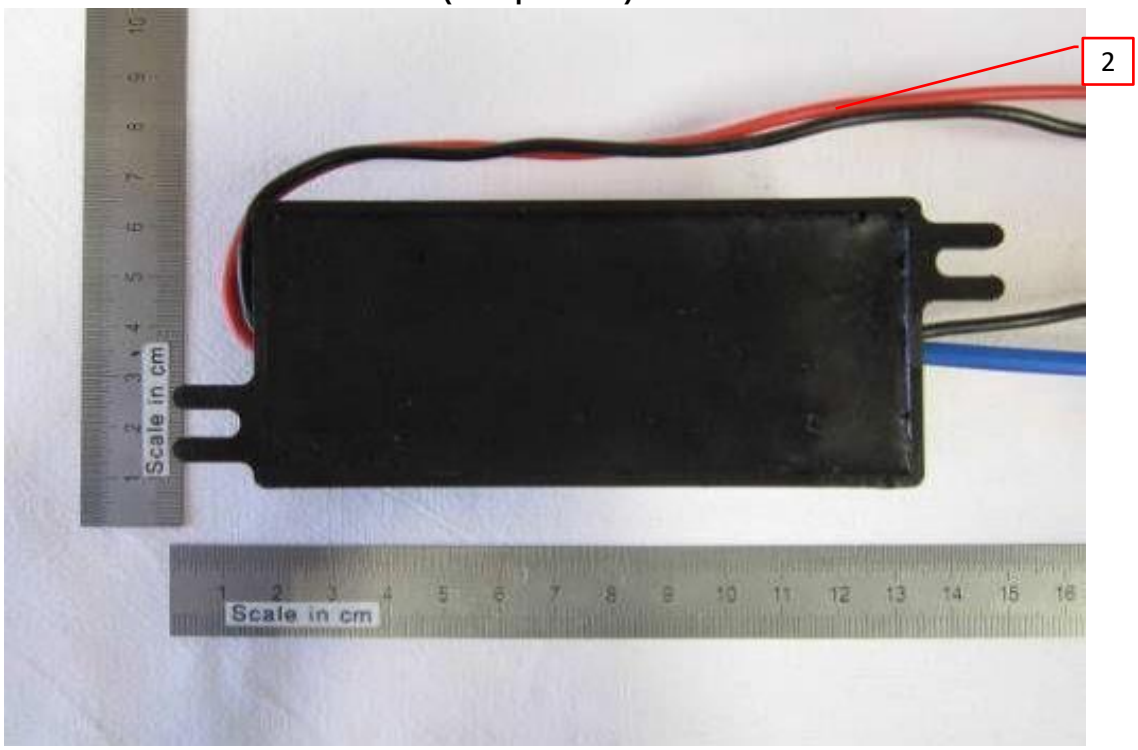
2.0 Product Description	
Product	ICT/ITE Power Supply
Brand name	(G GlobTek,Inc.)
Description	Product covered by this report is power supply module which is Class I or Class II apparatus. The product is not intended to use in the environment which altitude exceed 5000m.
Models	GT followed by -, M or H; followed by 91120-; followed by 01 to 30; followed by 07.5, 10.5, 14.5, 19.5, 24, 36 or 48; may be followed by -0.01 to -11.9; followed by -F, -FW, -P2, -P3; may be followed by six characters.
Model Similarity	GT*91120-***** Followed by "M" or "-" or "H" for market identification and not related to safety. Followed by “01” to “36” denotes the rated output wattage designation, with interval of 1, “01” stands for 1W, “36” stands for 36W. Followed by "07.5”, “10.5”,“14.5”, “19.5”, "24", “36” or “48” denotes the rated output voltage designation; Followed by “-0.01” to “-11.9” is optional deviation, subtracted from standard output voltage, with interval of 0.01, or blank to indicate no voltage differece. Followed by "-F" means open frame class I or class II with functional earth. Followed by "-FW" means open frame class II. Followed by "-P2" means encapsulated class II. Followed by "-P3" means encapsulated class I or class II with functional earth May be followed by any six characters which can be "0" to "9", "A" to "Z", "-", "()" or "[]" or blank for marketing purposes and have no bearing on safety or compliance. Open frame models are similar to each other except for class rating, secondary winding wires of transformers, some unlisted secondary components, model numbers and ratings. Encapsulated models are similar to each other except for class rating, secondary winding wires of transformers, some unlisted secondary components, model numbers and ratings.
Ratings	Input: 100-240V～, 50-60Hz or 50/60Hz, 1.5A Output: 5-48VDC, Max 4A, Max. 30W See section 7.0, Illustration 1 for details
Other Ratings	N/A
Conditions of Acceptability	The products covered in this Report are incomplete in construction features or limited in performance capabilities and are intended for use and evaluation in other products. Consideration should be given to the following when the component is used in or with another product. 1.The power supply shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the ultimate application. 2.Connection and disconnection to the mains should be considered in the end use. 3.Temperature testing was performed on this component and should be double checked in end use. 4.Mechanical abuse testing was not conducted and should be considered in the end use. 5.The fuse shall be connected in an ungrounded circuit. It shall be double checked in end use, polarity terminal is provided in this product. 6.Mechanical strength should be performed on this component when installed in the end product. 7.Leakage current test was not conducted and should be considered in the end use. 8.Accessibility of live parts was not checked and should be considered in the end use. 9.The rating of enclosure in end-product shall be at least V-0. 10.Whole performance test are test with power supply not installed in end appliance. All the test results presented in this report relate only to this condition. The acceptability for the condition that the same power supply model installed in other end product model not mentioned in this report will need further evaluation, which is not covered in this report.

3.0 Product Photographs

Photo 1 - External view for GTM91120 series (Encapsulated)

Photo 2 - External view for GTM91120 series (Encapsulated)



3.0 Product Photographs

Photo 3 - Internal view for GTM91120 series (Encapsulated)

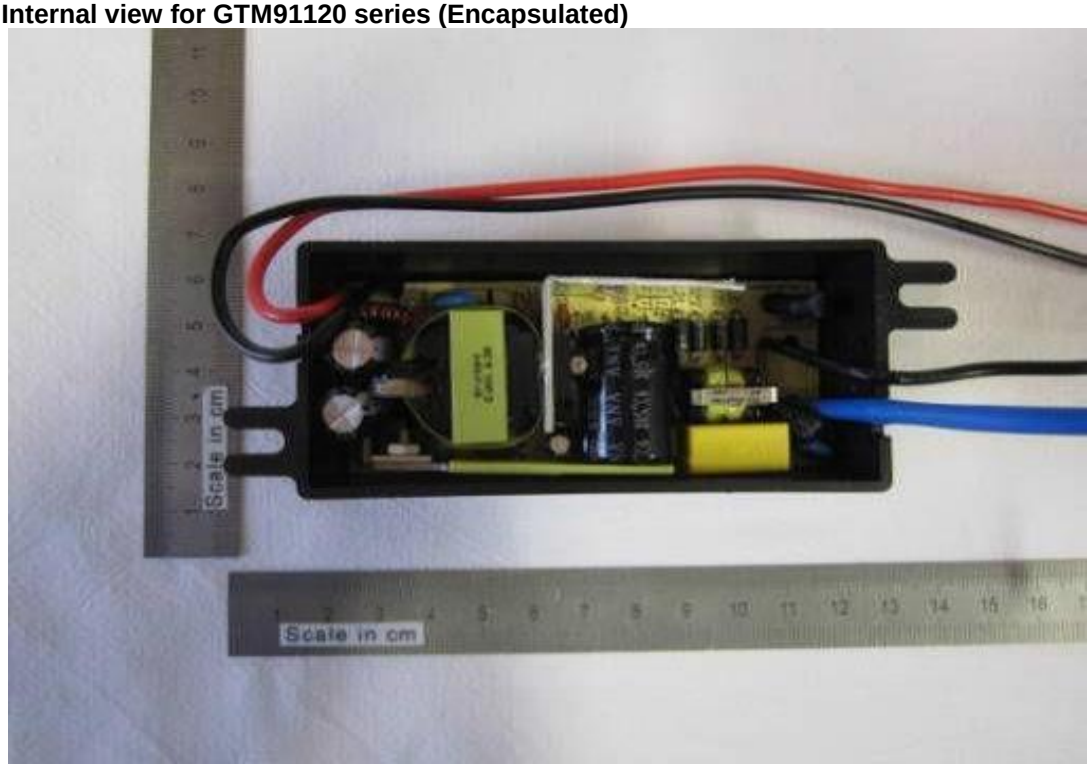
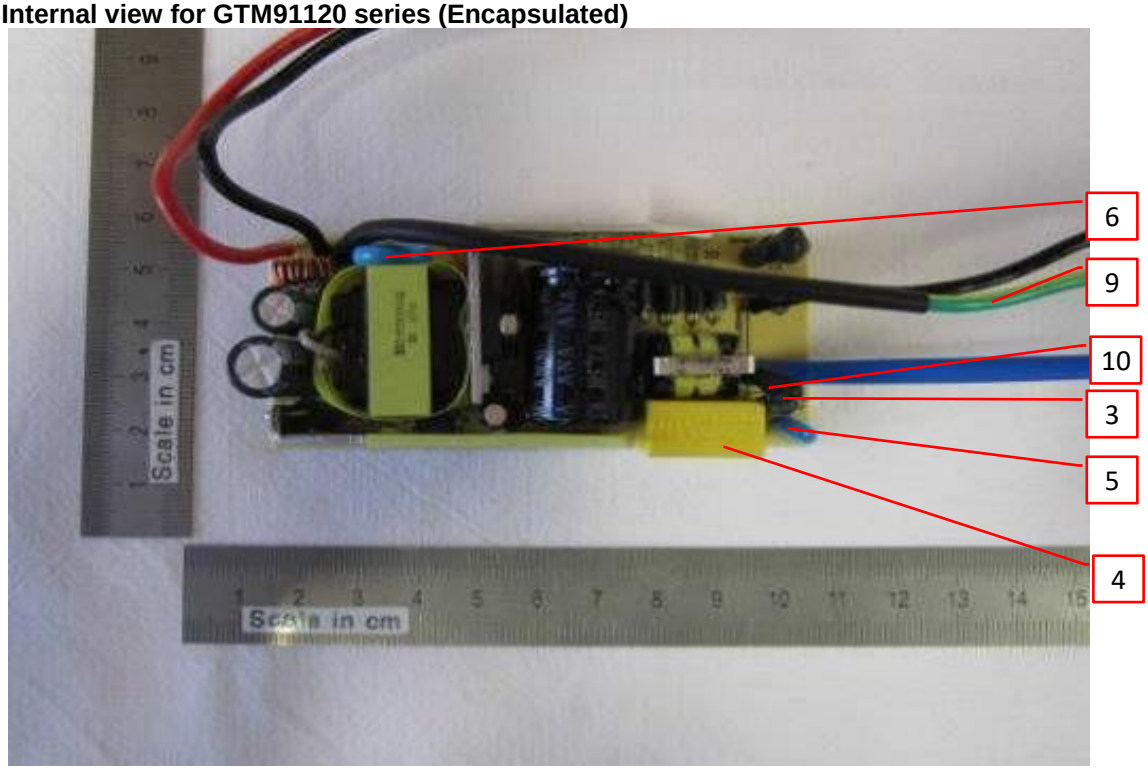


Photo 4 - Internal view for GTM91120 series (Encapsulated)



3.0 Product Photographs

Photo 5 - Internal view for GTM91120 series (Encapsulated)

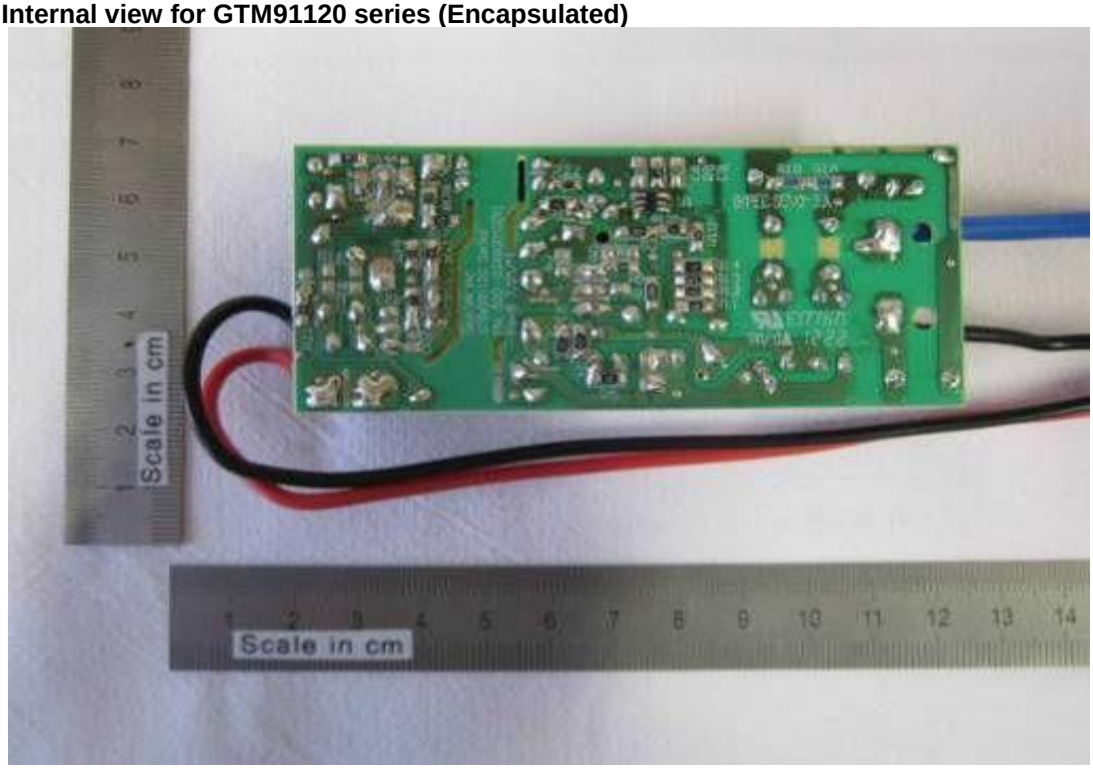
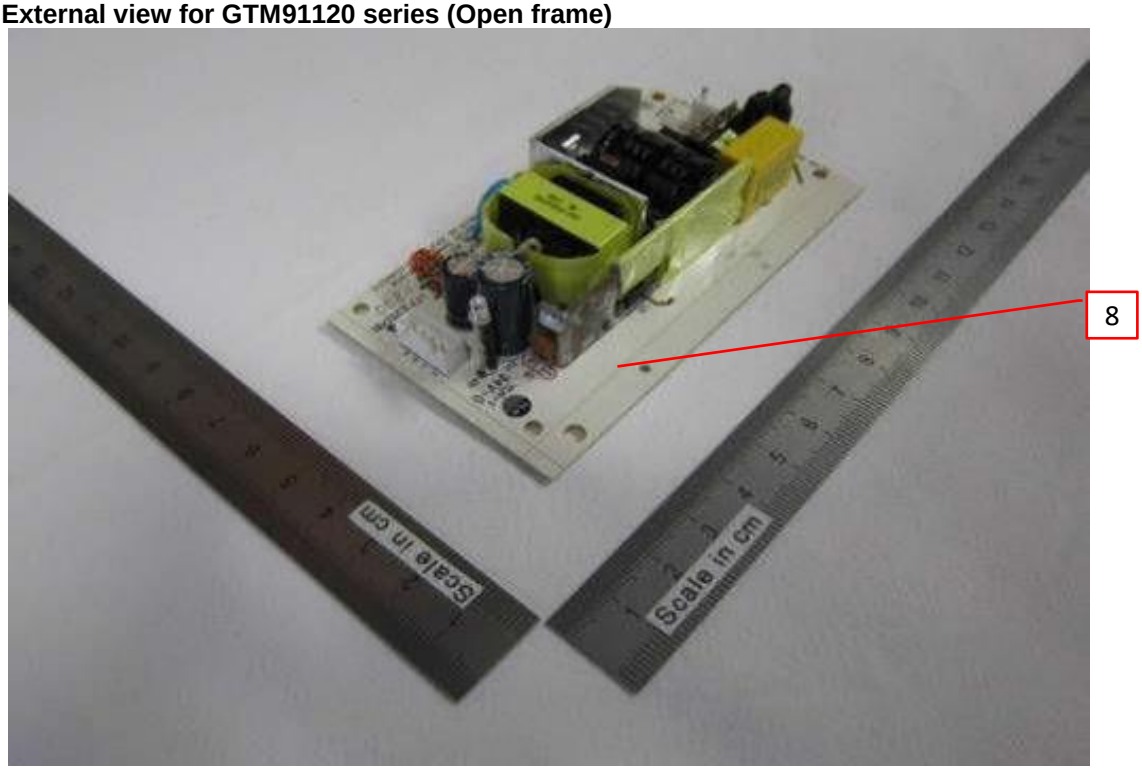


Photo 6 - External view for GTM91120 series (Open frame)



3.0 Product Photographs

Photo 7 - External view for GTM91120 series (Open frame)

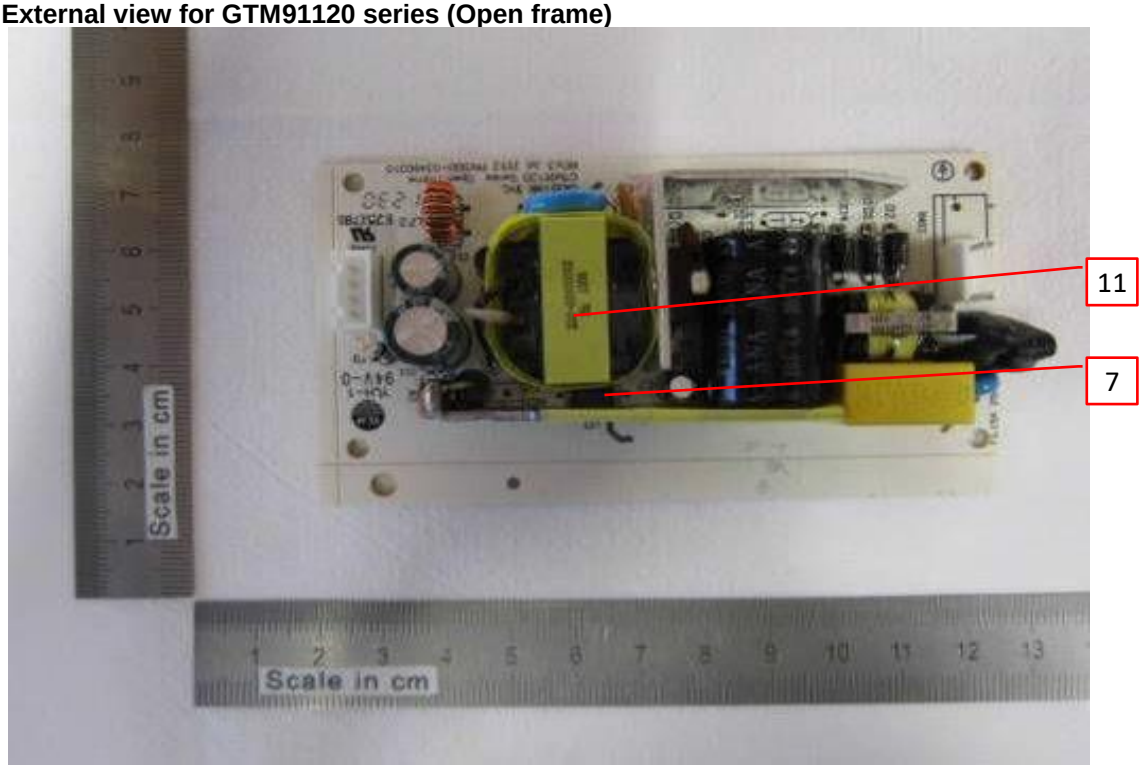
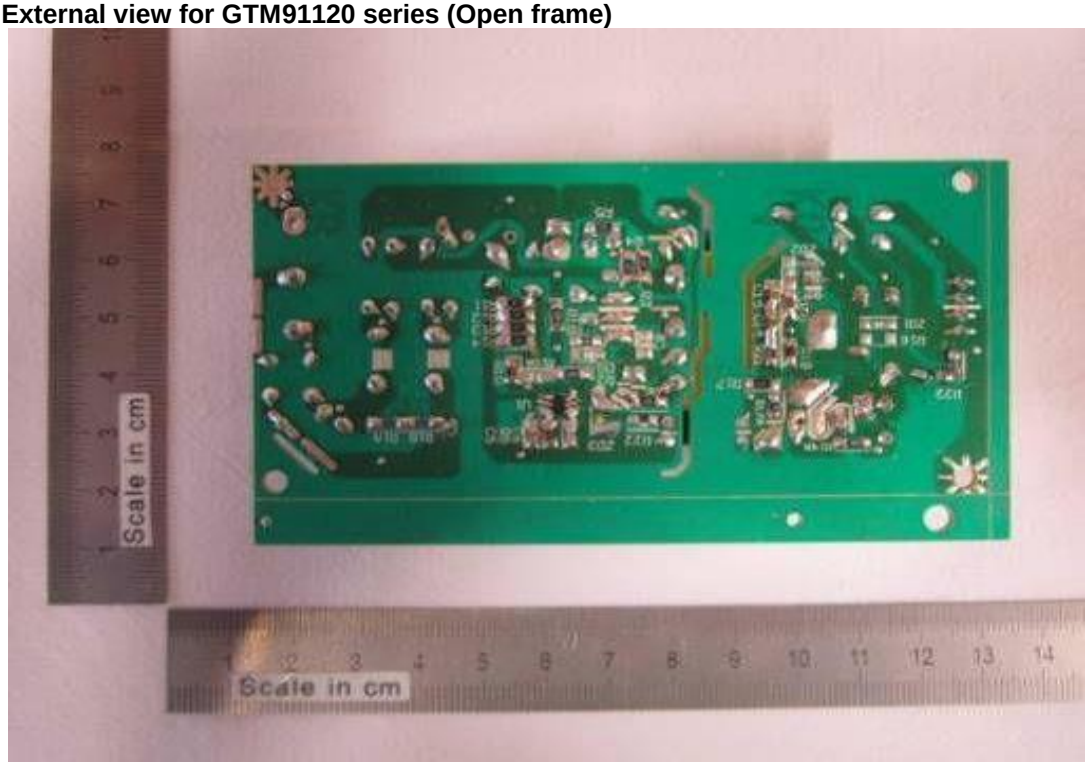


Photo 8 - External view for GTM91120 series (Open frame)



3.0 Product Photographs

Photo 9 - Transformer

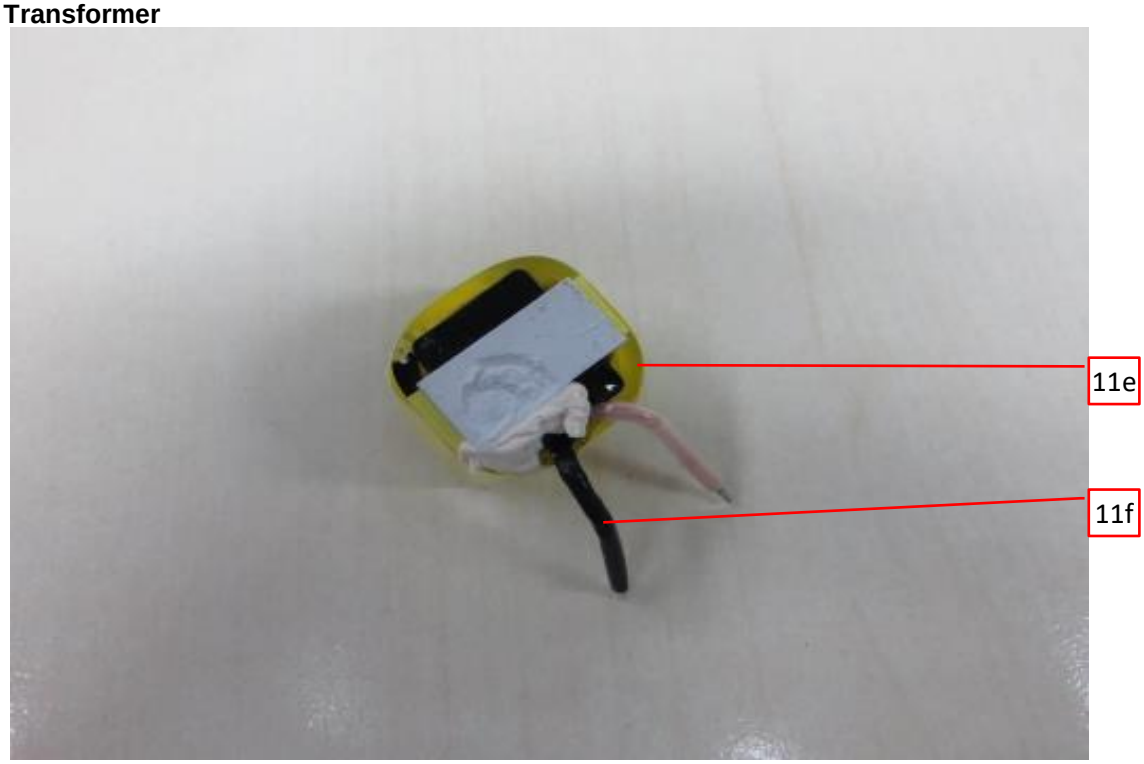
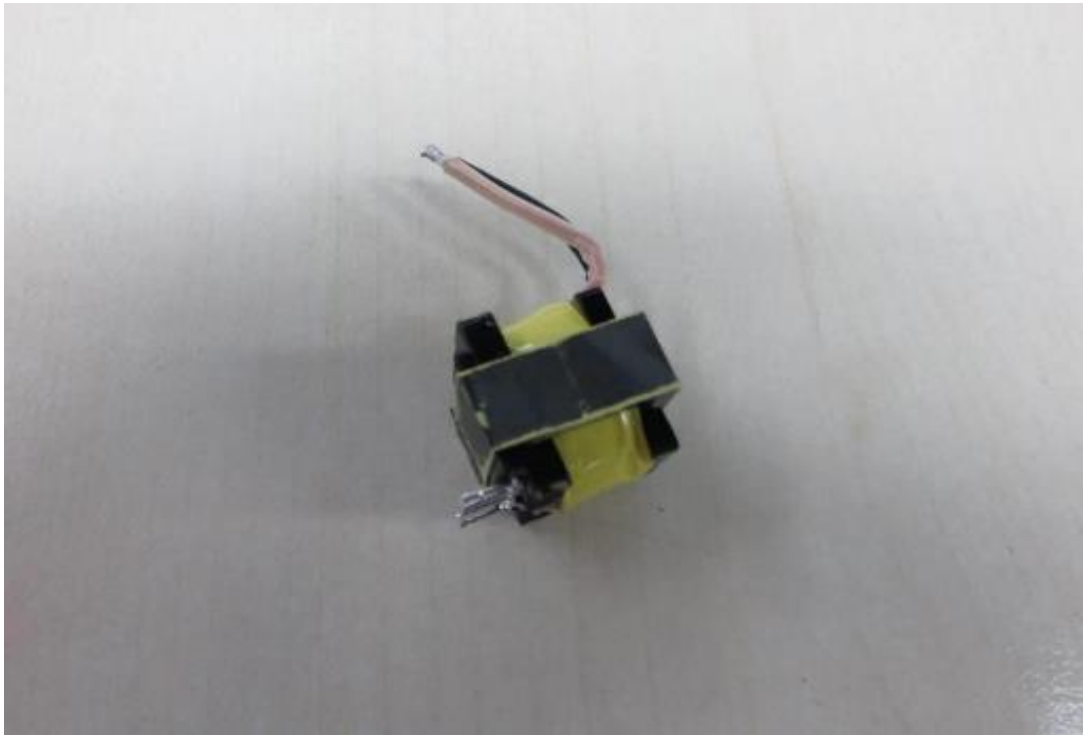


Photo 10 - Transformer



3.0 Product Photographs

Photo 11 - Transformer

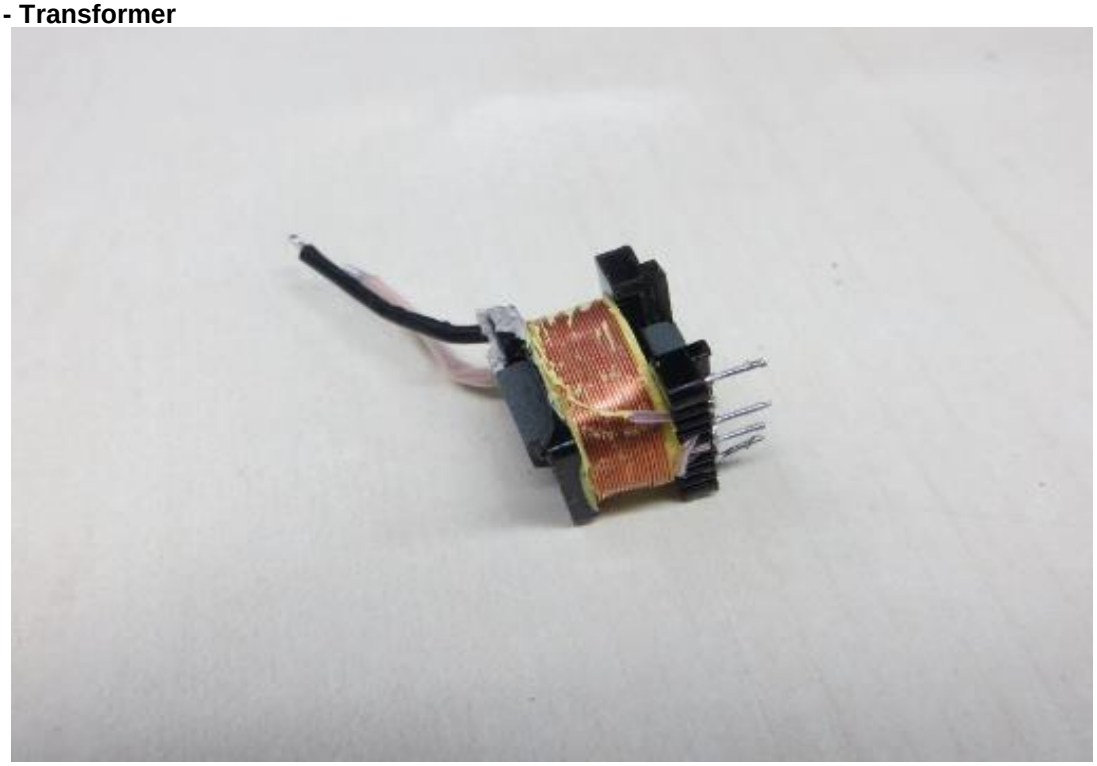
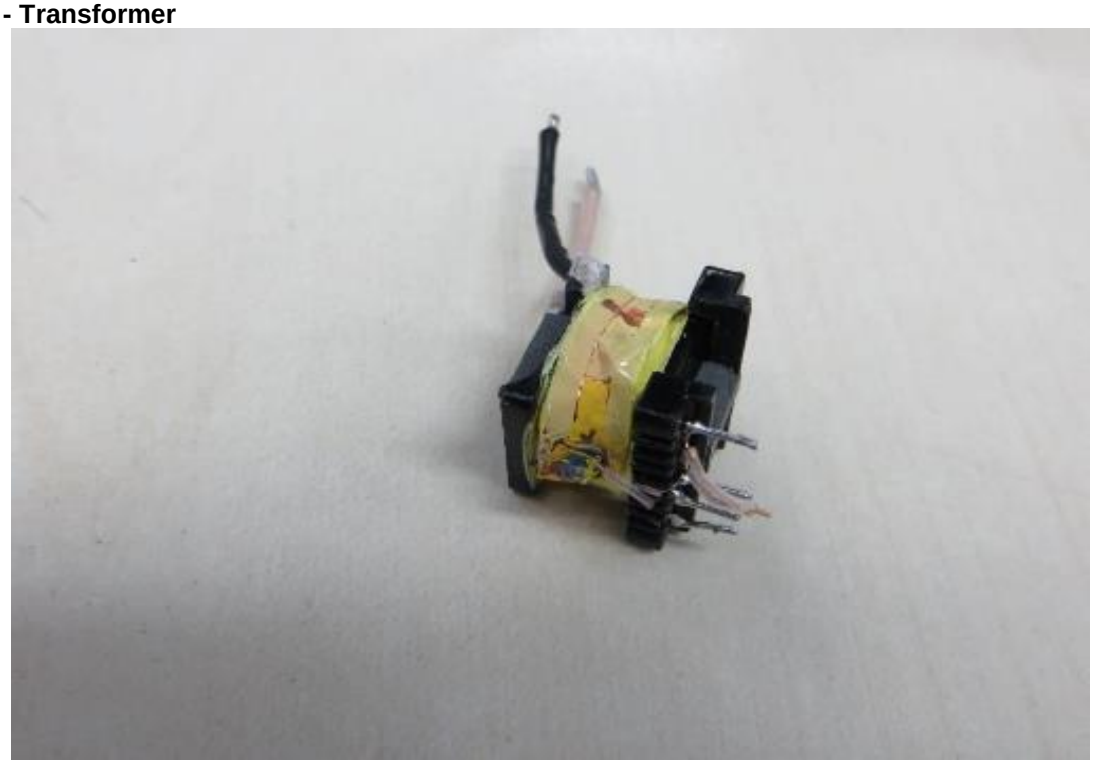


Photo 12 - Transformer



3.0 Product Photographs

Photo 13 - Transformer

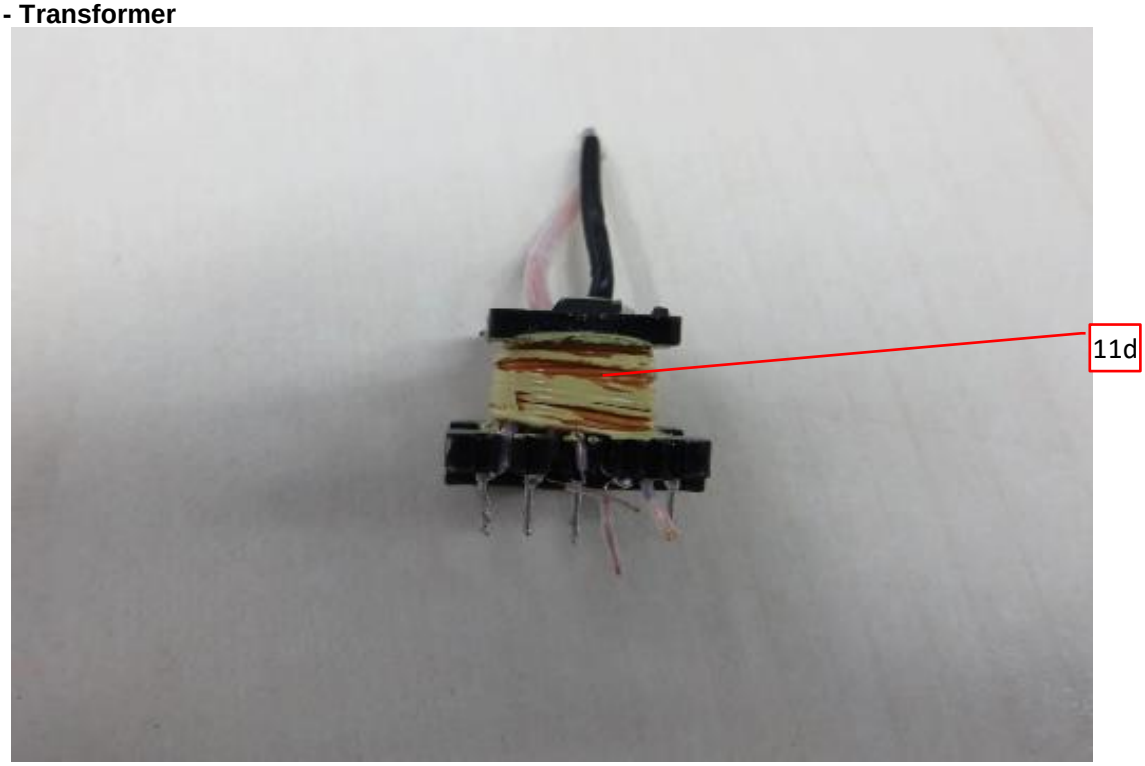
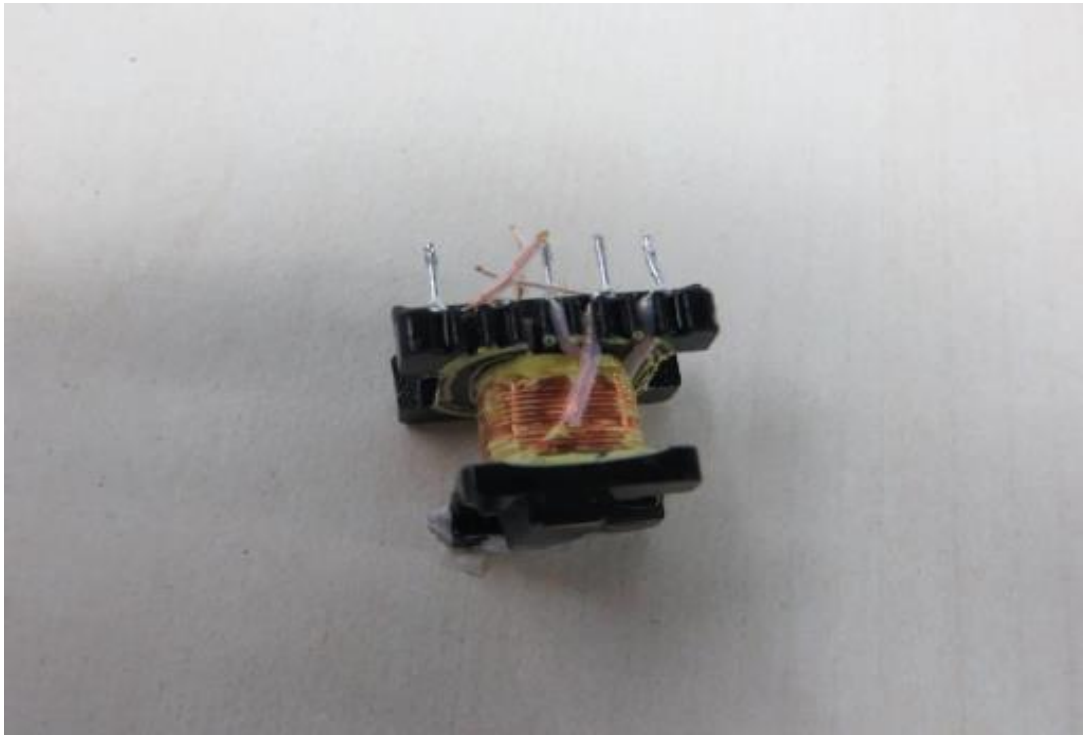


Photo 14 - Transformer



3.0 Product Photographs

Photo 15 - Transformer

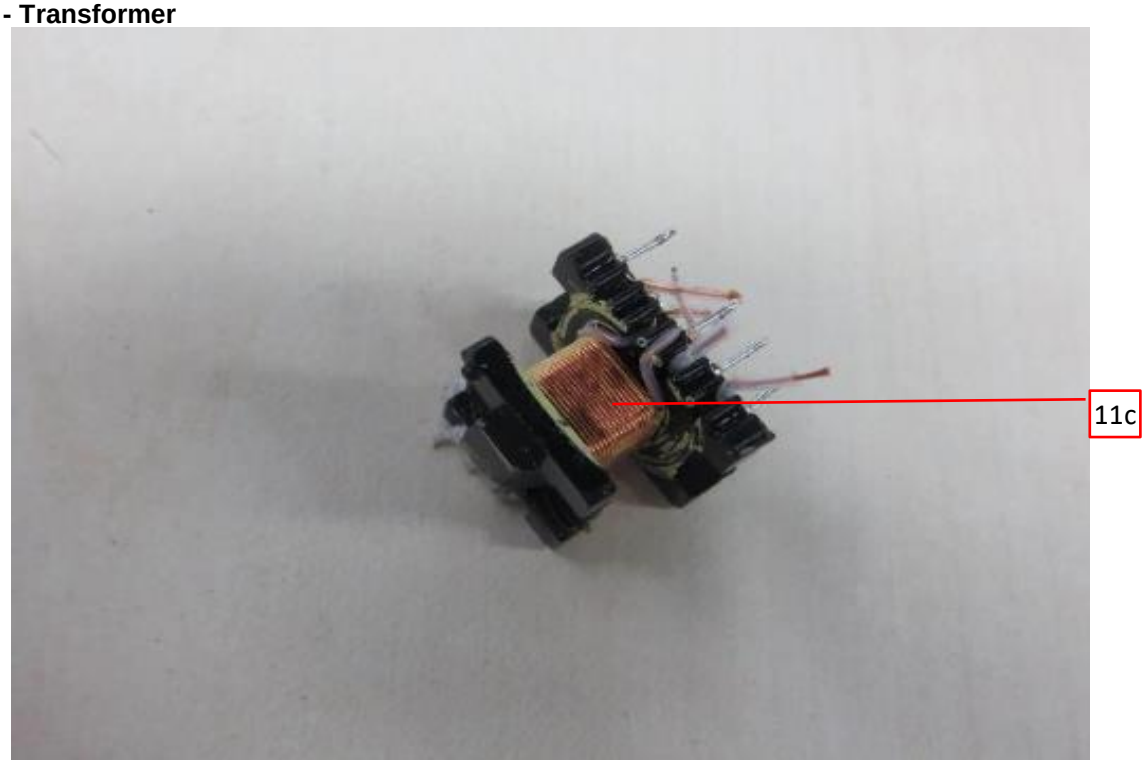
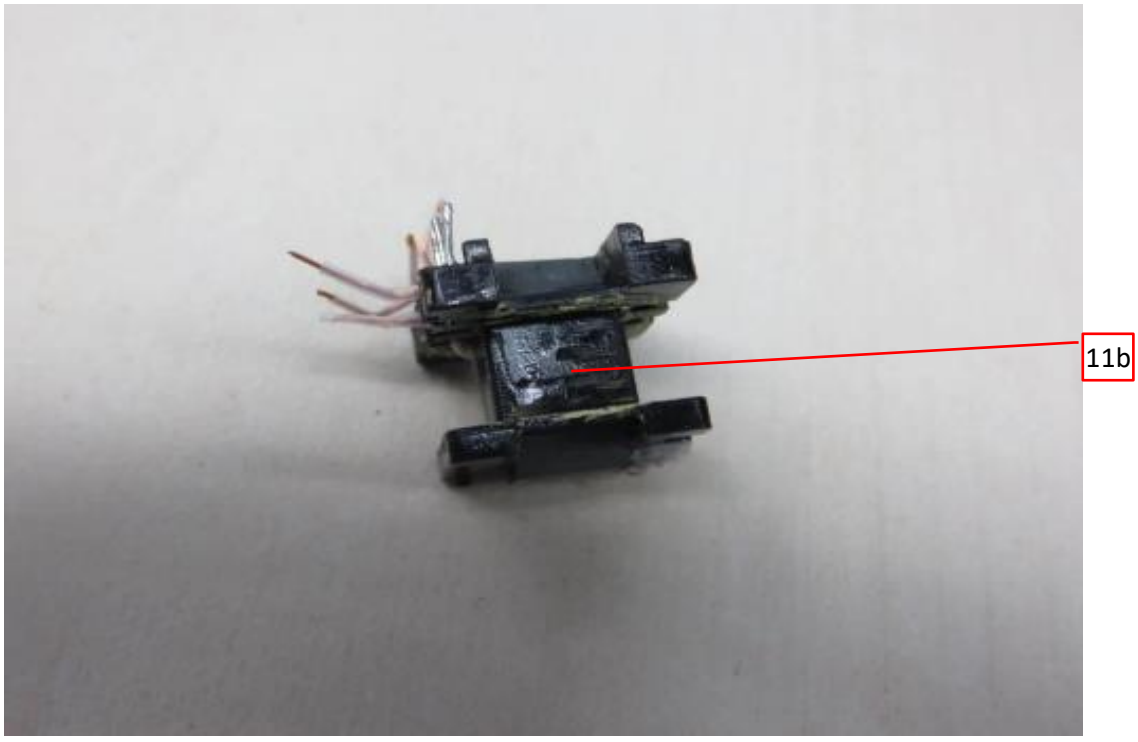


Photo 16 - Transformer



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]
			SABIC INNOVATIVE PLASTICS B V	SE1	PPE+PS, V-1, HWI 1, HAI 2, 105°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	SE1X	PPE+PS, V-1, HWI 0, HAI 0, 105°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	SE100	PPE+PS, V-1, HWI 2, HAI 0, 95°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	C2950	PC/ABS, V-0, HWI 3, HAI 0, 85°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	CX721	PC/ABS, V-0, 5VB, HWI 2, HAI 0, 90°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	EXCY0098	PC/ABS, V-0, 5VB, HWI 2, HAI 0, 90°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	945	PC, V-0, HWI 3, HAI 3, 120°C, min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	940	PC, V-0, HWI 3, HAI 3, 120°C, min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC JAPAN L L C	SE1	PPE+PS, V-1, HWI 1, HAI 2, 105°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC JAPAN L L C	SE1X	PPE+PS, V-1, HWI 0, HAI 0, 105°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
1	1	Enclosure	SABIC JAPAN L L C	SE100	PPE+PS, V-1, HWI 2, HAI 0, 95°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC JAPAN L L C	C2950	PC/ABS, V-0, HWI 3, HAI 0, 85°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC JAPAN L L C	CX721	PC/ABS, V-0, 5VB, HWI 2, HAI 0, 90°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	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]
			SABIC JAPAN L L C	EXCY0098	PC/ABS, V-0, 5VB, HWI 2, HAI 0, 90°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC JAPAN L L C	945	PC, V-0, HWI 3, HAI 3, 120°C, min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC JAPAN L L C	940	PC, V-0, HWI 3, HAI 3, 120°C, min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			TEIJIN CHEMICALS LTD	LN-1250P	PC, V-0, HWI 3, HAI 0, 115°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			TEIJIN CHEMICALS LTD	LN-1250G	PC, V-0, HWI 3, HAI 0, 115°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			SABIC INNOVATIVE PLASTICS B V	HF500R	PC, V-0, HWI 1, HAI 3, 115°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			CHI MEI CORPORATION	PA-765A	ABS, V-0, 5VB, HWI 3, HAI 0, 80°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			CHI MEI CORPORATION	PC-540	PC/ABS, V-0, HWI 3, HAI 3, 70°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
2	2	Input and Output wire	Various	1185	Min. 24AWG, min. 300Vac, min. 80°C	cURus
			Various	1015	Min. 24AWG, min. 300Vac, min. 80°C	cURus
			Various	2464	Min. 24AWG, min. 300Vac, min. 80°C	cURus
			Various	2468	Min. 24AWG, min. 300Vac, min. 80°C	cURus
			Various	SPT-1	Min. 24AWG, min. 300Vac, min. 80°C	cURus
			Various	SPT-2	Min. 24AWG, min. 300Vac, min. 80°C	cURus
			Various	SVT	Min. 24AWG, min. 300Vac, min. 80°C	cURus
			Various	Various	Min. 24AWG, min. 300Vac, min. 80°C, performance parameter shall be equal to 1185, 2464 or 2468.	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]
4	3	Fuse (optional)	CONQUER ELECTRONICS CO LTD	MST series	T3.15AL250V Size: 8.35 x 4.3 x 7.7mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC	2010	T3.15AL250V Size: 8.4 x 4.1 x 8.4mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC	ICP	T3.15AL250V Size: 3.6 x 10mm	cURus
			BEL FUSE INC	RST series	T3.15AL250V Size: 6.8 x 3.0 x 3.6mm	cURus
			COOPER BUSSMANN LLC	SS-5	T3.15AL250V Size: 8.6 x 4.3 x 8.4mm	cURus
			SHENZHEN LANSON ELECTRONICS CO LTD	SMT	T3.15AL250V Size: 8.4 x 4 x 7.7mm	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T3.15AL250V Size: 8.5 x 4.0mm	cURus
			HOLLYLAND CO LTD	5ET	T3.15AL250V Size: 8.0 x 4.0 x 8.5mm	cURus
			SUNNY EAST ENTERPRISE CO LTD	CFD series	T3.15AL250V Size: 3.6 x 10mm	cURus
			CONQUER ELECTRONICS CO LTD	MET series	T3.15AL250V Size: 8.35 x 7.7mm	cURus
			ZHONG SHAN LANBAO ELECTRICAL APPLIANCES CO LTD	RTI-10 series	T3.15AL250V Size: 3.5 x 10mm	cURus
			CHENG TUNG INDUSTRIAL CO LTD	CTX	For CX1; Min. 300VAC, Max. 0.47µF, -40~+110°C, X1 or X2	cURus
			TENTA ELECTRIC INDUSTRIAL CO LTD	MEX	For CX1; Min. 250VAC, Max. 0.47µF, -40~+100°C, X1 or X2	cURus
			JOEY ELECTRONICS (DONG GUAN) CO LTD	MPX	For CX1; Min. 300VAC, Max. 0.47µF, -40~+110°C, X1 or X2	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]
4	4	X capacitor (Optional)	ULTRA TECH XIPHI ENTERPRISE CO LTD	HQX	For CX1; Min. 250VAC, Max. 0.47µF, -40~+110°C, X2	cURus
			YUON YU ELECTRONICS CO LTD	MPX Series	For CX1; Min. 250VAC, Max. 0.47µF, -40~+100°C, X2	cURus
			SINHUA ELECTRONICS (HUZHOU) CO LTD	MPX	For CX1; Min. 250VAC, Max. 0.47µF, -40~+110°C, X1 or X2	cURus
			JIANGSU XINGHUA HUAYU ELECTRONICS CO LTD	MPX	For CX1; Min. 250VAC, Max. 0.47µF, -40~+100°C, X2	cURus
			DAIN ELECTRONICS CO LTD	MPX	For CX1; Min. 250VAC, Max. 0.47µF, -40~+110°C, X1 or X2	cURus
			DAIN ELECTRONICS CO LTD	MEX	For CX1; Min. 250VAC, Max. 0.47µF, -40~+110°C, X1 or X2	cURus
			DAIN ELECTRONICS CO LTD	NPX	For CX1; Min. 250VAC, Max. 0.47µF, -40~+110°C, X1 or X2	cURus
			SHENZHEN JINGHAO CAPACITOR CO LTD	CBB62B	For CX1; Min. 250VAC, Max. 0.47µF, -40~+110°C, X2	cURus
4	5	Varistor (Optional)	THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR10471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			THINKING ELECTRONIC INDUSTRIAL CO LTD	TVR14471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			CENTRA SCIENCE CORP	CNR-10D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			CENTRA SCIENCE CORP	CNR-14D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			SUCCESS ELECTRONICS CO LTD	SVR10D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			SUCCESS ELECTRONICS CO LTD	SVR14D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			WALSIN TECHNOLOGY CORP	VZ14D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			LIEN SHUN ELECTRONICS CO LTD	14D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			CERAMATE TECHNICAL CO LTD	10D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	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]
			CERAMATE TECHNICAL CO LTD	14D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			BRIGHTKING (SHENZHEN) CO LTD	14D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			BRIGHTKING (SHENZHEN) CO LTD	10D471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			JOYIN CO LTD	10N471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			JOYIN CO LTD	14N471K	For MOV; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
4	6	Y capacitor (Optional)	TDK CORPORATION	CD	Y1, AC250V, max 4700pF, -25~+85°C; For CY1 and CY2	cURus
			SUCCESS ELECTRONICS CO LTD	SE	Y1, AC250V, max 4700pF, -40~+125°C; For CY1 and CY2	cURus
			SUCCESS ELECTRONICS CO LTD	SB	Y1, AC250V, max 4700pF, -40~+125°C; For CY1 and CY2	cURus
			MURATA MFG CO LTD	KX	Y1, AC250V, max 4700pF, -40~+125°C; For CY1 and CY2	cURus
			WALSIN TECHNOLOGY CORP	AH series	Y1, AC250V, max 4700pF, -40~+125°C; For CY1 and CY2	cURus
			JYA-NAY CO LTD	JN	Y1, AC250V, max 4700pF, -25~+125°C; For CY1 and CY2	cURus
			HAOHUA ELECTRONIC CO	CT7	Y1, AC250V, max 4700pF, -30~+125°C; For CY1 and CY2	cURus
			JERRO ELECTRONICS CORP	JX	Y1, AC250V, max 4700pF, -40~+125°C; For CY1 and CY2	cURus
			JYH CHUNG ELECTRONICS CO LTD	JD	Y1, AC400V, max 4700pF, -40~+85°C; For CY1 and CY2	cURus
			EVERLIGHT ELECTRONICS CO LTD	EL817	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			COSMO ELECTRONICS CORP	K1010	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			COSMO ELECTRONICS CORP	KP1010	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			LITE-ON TECHNOLOGY CORP	LTV-817	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			FAIRCHILD SEMICONDUCTOR CORP	H11A817B	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			FAIRCHILD SEMICONDUCTOR CORP	FOD817B	For U2; Double protection optical isolators, providing 5000 vac isolation	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]
7	7	Photo coupler	SHARP CORP ELECTRONIC COMPONENTS AND DEVICES BU	PC817	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817 A/B/C/D/L	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817M	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			BRIGHT LED ELECTRONICS CORP	BPC-817S	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			TOSHIBA CORP, SEMICONDUCTOR CO DISCRETE SEMICONDUCTOR DIV	TLP781F	For U2; Double protection optical isolators, providing 5000 vac isolation	cURus
			WALEX ELECTRONIC (WUXI) CO LTD	T2	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			WALEX ELECTRONIC (WUXI) CO LTD	T2A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			WALEX ELECTRONIC (WUXI) CO LTD	T2B	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			WALEX ELECTRONIC (WUXI) CO LTD	T4	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DONGGUAN HE TONG ELECTRONICS CO LTD	CEM1	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DONGGUAN HE TONG ELECTRONICS CO LTD	2V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DONGGUAN HE TONG ELECTRONICS CO LTD	FR4	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			CHEERFUL ELECTRONIC (HK) LTD	02	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			CHEERFUL ELECTRONIC (HK) LTD	03	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			CHEERFUL ELECTRONIC (HK) LTD	03A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DONGGUAN DAYSUN ELECTRONIC CO LTD	DS2	Min. 1.6 mm thickness, min. V-0, 130°C	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]
6	8	PCB	SUZHOU CITY YILIHUA ELECTRONICS CO LTD	YLH-1	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SHANGHAI AREX PRECISION ELECTRONIC CO LTD	04V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
				03V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
				02V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			BRITE PLUS ELECTRONICS (SUZHOU) CO LTD	DKV0-3A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			BRITE PLUS ELECTRONICS (SUZHOU) CO LTD	DGV0-3A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			KUOTIANG ENT LTD	C-2	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			KUOTIANG ENT LTD	C-2A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			PACIFIC WIN INDUSTRIAL LTD	PW-02	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			PACIFIC WIN INDUSTRIAL LTD	PW-03	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SHENZHEN TONGCHUANGXIN ELECTRONICS CO LTD	TCX	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			YUANMAN PRINTED CIRCUIT CO LTD	1V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SUZHOU XINKE ELECTRONICS CO LTD	XK-2	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SUZHOU XINKE ELECTRONICS CO LTD	XK-3	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			KUNSHAN CITY HUA SHENG CIRCUIT BOARD CO LTD	HS-S	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			JIANGSU DIFEIDA ELECTRONICS CO LTD	DFD-1	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			HUIZHOU SHUNJIA ELECTRONICS CO LTD	SJ-B	Min. 1.6 mm thickness, min. V-0, 130°C	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]
			Various	Various	Min. 1.6 mm thickness, min. V-0, 130°C, Fully comply with UL 796	cURus or cETLus Recognized
			KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			ZHUANG SHAN CHUAN ELECTRICAL PRODUCTS (KUNSHAN) CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			ZHUANG SHAN CHUAN ELECTRICAL PRODUCTS (KUNSHAN) CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			ZHUANG SHAN CHUAN ELECTRICAL PRODUCTS (KUNSHAN) CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			DONGGUAN CHUANTAI WIRE PRODUCTS CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			DONGGUAN CHUANTAI WIRE PRODUCTS CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	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]
4	9	Earthing wire for Class I models	DONGGUAN CHUANTAI WIRE PRODUCTS CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			YONG HAO ELECTRICAL INDUSTRY CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			YONG HAO ELECTRICAL INDUSTRY CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			YONG HAO ELECTRICAL INDUSTRY CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			DONGGUAN GUNEETAL WIRE & CABLE CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			DONGGUAN GUNEETAL WIRE & CABLE CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			DONGGUAN GUNEETAL WIRE & CABLE CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			SHENG YU ENTERPRISE CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			SHENG YU ENTERPRISE CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			SHENG YU ENTERPRISE CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			KUNSHAN XINGHONGMEN G ELECTRONIC CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			KUNSHAN XINGHONGMEN G ELECTRONIC CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			KUNSHAN XINGHONGMEN G ELECTRONIC CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	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]
			SUZHOU YEMAO ELECTRONIC CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			SUZHOU YEMAO ELECTRONIC CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			SUZHOU YEMAO ELECTRONIC CO LTD	1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
			Various	1015	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
				1007	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
				1185	Min. 20 AWG, Min. 300V, Min. 80°C	cURus
4	10	Heat-shrinkable tubing	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	RSFR	600V, 125°C, VW-1	cURus
			SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	RSFR-H	600V, 125°C, VW-1	cURus
			SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	RSFR-HPF	600V, 125°C, VW-1	cURus
			QIFURUI ELECTRONICS CO	QFR-h	600V, 125°C, VW-1	cURus
			DONGGUAN SALIPT CO LTD	SALIPT S-901-300	Min. 300V, 125°C, VW-1	cURus
			DONGGUAN SALIPT CO LTD	SALIPT S-901-600	Min. 300V, 125°C, VW-1	cURus
			GUANGZHOU KAIHENG ENTERPRISE GROUP	K-2 (+)	Min. 300V, 125°C, VW-1	cURus
			GUANGZHOU KAIHENG ENTERPRISE GROUP	K-2 (CB)	Min. 300V, 125°C, VW-1	cURus
			CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD	CB-HFT	Min. 300V, 125°C, VW-1	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]
			GlobTek INC	GT-3005001	Output voltage range:5-7.5Vdc. Class B with insulation system below.	NR
				GT-3009001	Output voltage range:7.6-10.5Vdc. Class B with insulation system below.	NR
				GT-3012001	Output voltage range:10.6-14.5Vdc. Class B with insulation system below.	NR
				GT-3015001	Output voltage range:14.6-19.5Vdc. Class B with insulation system below.	NR
				GT-3024001	Output voltage range:19.6-24Vdc. Class B with insulation system below.	NR
				GT-3048001	Output voltage range:24.1-48Vdc. Class B with insulation system below.	NR
			ENG ELECTRIC CO LTD	GT-3005001	Output voltage range:5-7.5Vdc. Class B with insulation system below.	NR
				GT-3009001	Output voltage range:7.6-10.5Vdc. Class B with insulation system below.	NR
				GT-3012001	Output voltage range:10.6-14.5Vdc. Class B with insulation system below.	NR
				GT-3015001	Output voltage range:14.6-19.5Vdc. Class B with insulation system below.	NR
				GT-3024001	Output voltage range:19.6-24Vdc. Class B with insulation system below.	NR
				GT-3048001	Output voltage range:24.1-48Vdc. Class B with insulation system below.	NR
7	11	Transformer	SHAN DONG BOAM ELECTRIC CO LTD	GT-3005001	Output voltage range:5-7.5Vdc. Class B with insulation system below.	NR
				GT-3009001	Output voltage range:7.6-10.5Vdc. Class B with insulation system below.	NR
				GT-3012001	Output voltage range:10.6-14.5Vdc. Class B with insulation system below.	NR
				GT-3015001	Output voltage range:14.6-19.5Vdc. Class B with insulation system below.	NR
				GT-3024001	Output voltage range:19.6-24Vdc. Class B with insulation system below.	NR
				GT-3048001	Output voltage range:24.1-48Vdc. Class B with insulation system below.	NR

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]
			WUXI HAOPUWEI ELECTRONICS CO LTD	GT-3005001	Output voltage range:5-7.5Vdc. Class B with insulation system below.	NR
				GT-3009001	Output voltage range:7.6-10.5Vdc. Class B with insulation system below.	NR
				GT-3012001	Output voltage range:10.6-14.5Vdc. Class B with insulation system below.	NR
				GT-3015001	Output voltage range:14.6-19.5Vdc. Class B with insulation system below.	NR
				GT-3024001	Output voltage range:19.6-24Vdc. Class B with insulation system below.	NR
				GT-3048001	Output voltage range:24.1-48Vdc. Class B with insulation system below.	NR
7	11a	Insulation system (Not shown)	GLOBTEK INC	GTX-130-TM	Class B	cURus
			ENG ELECTRIC CO LTD	ENG130-1	Class B	cURus
			SHAN DONG BOAM ELECTRIC CO LTD	BOAM-01	Class B	cURus
				B1	Class B	cURus
			WUXI HAOPUWEI ELECTRONICS CO LTD	ZT-130	Class B	cURus
16	11b	Bobbin	CHANG CHUN PLASTICS CO LTD	T375J	V-0, 150°C, thickness 0,45 mm min.	cURus
			CHANG CHUN PLASTICS CO LTD	T375HF	V-0, 150°C, thickness 0,74 mm min.	cURus
			CHANG CHUN PLASTICS CO LTD	4130	V-0, 140°C, thickness 0,45mm min.	cURus
			SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, thickness 0,45 mm min.	cURus
			HITACHI CHEMICAL CO LTD	CP-J-8800	V-0, 150°C, thickness 0,45 mm min.	cURus
			PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEWN/U	MW28-C, 130°C	cURus
				UEWS/U	MW75-C, 130°C	cURus
			JUNG SHING WIRE CO LTD	UEW-4	MW75-C, 130°C	cURus
				UEY-2	MW28-C, 130°C	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]
15	11c	Magnet wire	JIANGSU HONGLIU MAGNET WIRE TECHNOLOGY CO LTD	2UEW/130	MW75-C, 130°C	cURus
			CHANGZHOU DAYANG WIRE & CABLE CO LTD	2UEW/130	MW75-C, 130°C	cURus
			WUXI JUFENG COMPOUND LINE CO LTD	2UEWB	MW75#, 130°C	cURus
			JIANGSU DARTONG M & E CO LTD	UEW	MW75-C, 130°C	cURus
			SHANDONG SAINT ELECTRIC CO LTD	UEW/130	MW75#, 130°C	cURus
			ZHEJIANG LANGLI ELECTRIC EQUIPMENTS CO LTD	UEW	MW79#, 130°C	cURus
13	11d	Triple-insulated wire	GREAT LEOFLON INDUSTRIAL CO LTD	TRW(B)	Reinforced Insulation, rated 130°C (Class B), 1.41 kVolts peak for Information Technology;	cURus
			COSMOLINK CO LTD	TIW-M(B)	Reinforced Insulation, rated 130°C (Class B), 1.41 kVolts peak for Information Technology;	cURus
			FURUKAWA ELECTRIC CO LTD	TEX-E	Reinforced Insulation, rated 130°C (Class B), 1.41 kVolts peak for Information Technology;	cURus
			TOTOKU ELECTRIC CO LTD	TIW-2	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			E&B TECHNOLOGY CO LTD	E&B-XXXB	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			E&B TECHNOLOGY CO LTD	E&B-XXXB-1	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD	CB-TIW	Reinforced Insulation, rated 130°C (Class B), 1.41 kVolts peak for Information Technology;	cURus
			SHENZHEN JIUDING NEW MATERIAL CO LTD	DTIW-B	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1	130°C	cURus
				1350T-1	130°C	cURus
				44	130°C	cURus
			BONDTEC PACIFIC CO LTD	370S	130°C	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]
9	11e	Insulating tape	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	PZ	130°C	cURus
				CT	130°C	cURus
				WF	130°C	cURus
			JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD	JY25-A	130°C	cURus
			CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-XX	130°C	cURus
9	11f	PTFE tubing	GREAT HOLDING INDUSTRIAL CO LTD	TFT	300V, 200°C	cURus
			GREAT HOLDING INDUSTRIAL CO LTD	TFS	600V, 200°C	cURus
			SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	WF	600V, 200°C	cURus
			CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD	CB-TT-T	300V, 200°C	cURus
			CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD	CB-TT-S	600V, 200°C	cURus

NOTES:
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, 1.5 mm minimum spacing are maintained through air and 2.4 mm minimum spacing are maintained over surfaces of insulating material between current-carrying parts of opposite polarity and 3.0 mm minimum spacing are maintained through air and 4.8 mm minimum spacing are maintained over surfaces between such current-carrying parts and dead-metal parts or low voltage isolated circuits.
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 - Building in Power Supply, shall be considered in end use.
5. Grounding - For adapter models with earthing connection, all exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord and the equipment grounding terminal. For adapter models without earthing connection, the products are not provided with grouding means as they are reinforced 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 pointswhere internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All wiring is minimum 24AWG, with a minimum rating of 300V, 80°C.
8. Schematics - Refer to Illustration No. 2 for schematics & No.3a to 3b PCB layout requiring verification during Field Representative Inspection Audits.
9. Transformer - Supplier records must be provided that indicate the received shipment of transformers (section 4.0, item 11) was constructed as indicated in Illustrations 4 and 4a. These records must be available at the factory for inspection on every received shipment.
10. Markings - Building in Power Supply, the marking plate is not required.
11. Safety Instructions - Building in Power Supply, the instruction is not required.

7.0 Illustrations

Illustration 1 - Model list

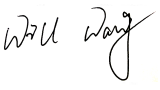
Model	Output Voltage	Max. output current	Max. output power
GT*91120-*07.5*- F/FW/P2/P3*	5-7.5V	4A	30W
GT*91120-*10.5*- F/FW/P2/P3*	7.6-10.5V	3.94A	30W
GT*91120-*14.5*- F/FW/P2/P3*	10.6-14.5V	2.83A	30W
GT*91120-*19.5*- F/FW/P2/P3*	14.6-19.5V	2A	30W
GT*91120-*24*- F/FW/P2/P3*	19.6-24V	1.6A	30W
GT*91120-*36*- F/FW/P2/P3*	24.1-36V	1.25A	30W
GT*91120-*48*- F/FW/P2/P3*	36.1-48V	0.83A	30W

Transformer list

Product Model	Voltage Range	Transformer model
GTM91120 series	5-7.5V	GT-3005001
	7.6V-10.5V	GT-3009001
	10.6V-14.5V	GT-3012001
	14.6V-19.5V	GT-3015001
	19.6V-24V	GT-3024001
	24.1V-48V	GT-3048001

8.0 Test Summary					
Evaluation Period	28-Feb-2021 to 5-Apr-2021			Project No.	210201070SHA
Sample Rec. Date	28-Feb-2021	Condition	Prototype	Sample ID.	0210228-03-001~030
Test Location	Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, 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.					
The following tests were performed:					

Test Description	Audio/Video, Information And Communication Technology Equipment - Part 1: Safety Requirements [UL 62368-1:2014 Ed.2] Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements (R2019) [CSA C22.2#62368-1:2014 Ed.2]
Energy source classifications	4.2
Protection against energy sources	4.3
Classification and limits of electrical energy sources	5.2
Classification of power sources (PS) and potential ignition sources (PIS)	6.2
10 N steady force test	4.6.2
Temperature test for insulating materials and touch temperature	5.4.1.4, 9.0
Determination of working voltage test	5.4.1.8
Ball pressure test	5.4.1.10.3
Clearances and creepage distances measurement	5.4.2, 5.4.3
Solid insulation measurement	5.4.4
Humidity conditioning test	5.4.8
Electric strength test	5.4.9
Capacitor discharging test	5.5.2.2
Thermal energy source classifications	9.2
Input test	B.2.5
Simulated single fault conditions test	B.4
Marking durability test	F.3.10
Transformer overload tests	T.2
Steady force test – 10 N	T.2
Steady force test – 250 N	T.5
Drop test	T.7
Stress relief Test	T.8
Determination of accessible parts test	V.1

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:	Gio Li	Reviewed by:	Will Wang
Title:	Engineer	Title:	Manager
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	GlobTek, Inc.
Address	186 Veterans Dr. Northvale, NJ 07647
Country	USA
Product	ICT/ITE Power Supply

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 issued 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.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services Shanghai Limited
ETL Component Evaluation Center
Building No. 86, 1198 Qinzhou Road (North)
Shanghai 200233, China
Attn: Ms. Angela Han
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 - One sample from each shipment of Section 4.0 item 11:	**Test Voltage**	**Test Time**
Between primary circuit and secondary output	4000Vdc	1 min
Between secondary circuit and core	4000Vdc	1 min

Product	**Test Voltage**	**Test Time**
All products covered by this Report.		
Between input circuit and accessible enclosure surface	3600Vdc	1 s
Between input circuit and secondary circuit/output terminal	3600Vdc	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