

1.0 Reference and Address			
Report Number	151100937SHA-002	Original Issued: 7-Nov-2016	Revised: 13-Feb-2019
Standard(s)	Information Technology Equipment Safety Part 1: General Requirements >Valid without technical revision: 20Dec2020< [UL 60950-1:2007 Ed.2+R:14Oct2014] Information Technology Equipment Safety Part 1: General Requirements (R2016) >Valid without technical revision: 20Dec2020< [CSA C22.2#60950-1:2007 Ed.2+A1;A2]		
Applicant	GlobTek, Inc.	Manufacturer	GlobTek (Suzhou) Co., Ltd.
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2.0 Product Description	
Product	ITE Power Supply
Brand name	
Description	Product covered by this report is power supply module. Desktop power supply is provided with suitable external enclosure, which is Class I or Class II apparatus. Two pieces of outer enclosure are enclosed with ultrasonic welding without screw. The product is not intended to use in the environment which altitude exceed 5000m.
Models	GT followed by M, - or H; followed by 96300-; followed by 01 to 36; followed by 07.5, 10.5, 14.5, 19.5, 24, 36, 48, 54 or 56; may be followed by -0.01 to -11.90; followed by -T2, -T2A, -T3, -T3A, -R2 or -R3A; may be followed by -AP, -PP or -SP; may be followed by six characters. GTM91128LI followed by 1, 2 or 3; followed by CEL; may be followed by M; may be followed by -R2, -T2 or -T2A; followed by -042, -084 or -126; followed by 01 to 20; may be followed by 050 to 140; may be followed by 01 to 36. GTM91128 followed by two characters; followed by CHRGE or DUALC; may be followed by -R2, -T2 or -T2A; followed by -032 to -126; followed by 01 to 20; may be followed by 050 to 140; may be followed by 01 to 36.
	GT*96300-***** The 1st “*” part can be ‘M’ or ‘-’ or ‘H’ for market identification and not related to safety. The 2nd “*” denotes the rated output wattage designation, which can be “01” to “36”, with interval of 1. The 3rd “*” denotes the standard rated output voltage designation, it can be “07.5”, “10.5”, “14.5”, “19.5”, “24”, “36”, “48”, “54” or “56”; The 4th “*” is optional deviation, subtracted from standard output voltage, which can be “-0.01” to “-11.90” with interval of 0.01, or blank to indicate no voltage different. The 3rd “*” and 4th “*” together denote the output voltage, with a range of 5 - 56 volts. The 5th “*” stands for different enclosure type. Refer to photos for details. =-T2 means desktop class II with C8 AC inlet =-T2A means desktop class II with C18 AC inlet =-T3 means desktop class I with C14 AC inlet =-T3A means desktop class I with C6 AC inlet =-R2 means hybrid desktop housing class II with C8 AC inlet =-R3A means hybrid desktop housing class I with C6 AC inlet The 6th “*” = Blank or -AP or -PP or -SP -AP (with baby board) stands for Active POE (full IEEE compliant) -PP (no baby board) stands for Passive POE -SP (no baby board) stands for Simple POE The last * denote any six character = 0-9 or A-Z or () [] or – or blank for marketing purposes. Models of GT*96300-***** are same except the turns of transformer's secondary winding are different for different output voltage and the parameter of some non-critical components are set according different output voltage. GTM91128***_****

2.0 Product Description	
Model Similarity	The 1st “**” denotes any two characters for marketing purposes. The 2nd “**” denotes product type, which can be CHARGE or DUALC. CHARGE means single output. DUALC means dual output. The 3rd “**” stands for different enclosure type. Refer to photos for details. = blank or -R2 means hybrid desktop housing class II with C8 AC inlet = -T2 means desktop class II with C8 AC inlet = -T2A means desktop class II with C18 AC inlet The 4th “**” part is a 3-digit number code from “032” to “126”. It represents the first output voltage from 3.2V to 12.6V with interval of 0.1V. The 5th “**” part is a 2-digit number code from “01” to “20”. It represents the first output current from 0.1A to 2.0A with interval of 0.1A. The 6th “**” part is a 3-digit number code, which can be from “050” to “140”. It represents the second output voltage from 5.0Vdc to 14.0Vdc with interval of 0.1V. The 7th “**” part is a 2-digit number code, which can be from “01” to “36”. It represents the second output current from 0.1A to 3.6A with interval of 0.1A. When 2nd “**” is CHARGE, the 6th and the 7th “**” are blank too. There are two alternative PCB layout for this product, with 1 LED or with 2 LEDs. Only the number of LED indicator are different and other part of PCB are identical. Models of GTM91128***_**** are same except the turns of transformer's secondary winding are different for different output voltage and the parameter of some non-critical components are set according different output voltage.
	GTM91128LI*CEL **_**** The 1st “**” part denotes the number of charging cells, which can be “1” or “2” or “3”. The 2nd “**” denotes product type, which can be M or blank. M means dual output and blank means single output. The 3rd “**” stands for different enclosure type. Refer to photos for details. = blank or -R2 means hybrid desktop housing class II with C8 AC inlet = -T2 means desktop class II with C8 AC inlet = -T2A means desktop class II with C18 AC inlet The 4th “**” part is a 3-digit number code, which can be “042”, “084” or “126”. It represents the first output voltage of 4.2V, 8.4V or 12.6V. The 5th “**” part is a 2-digit number code, which can be from “01” to “20”. It represents the first output current from 0.1A to 2.0A with interval of 0.1A. The 6th “**” part is a 3-digit number code, which can be from “050” to “140”. It represents the second output voltage from 5.0Vdc to 14.0Vdc with interval of 0.1V. The 7th “**” part is a 2-digit number code, which can be from “01” to “36”. It represents the second output current from 0.1A to 3.6A with interval of 0.1A. When 2nd “**” is blank, the 6th and the 7th “**” are blank too. There are two alternative PCB layout for this product, with 1 LED or with 2 LEDs. Only the number of LED indicator are different and other part of PCB are identical. Models of GTM91128LI*CEL **_**** series are same except the turns of transformer's secondary winding are different for different output voltage and the parameter of some non-critical components are set according different output voltage.
Ratings	For GT*96300-*****: Input: 100-240V ~ , 50-60Hz, 1.0A; Output: 5-56VDC, Max. 36W; See section 7.0, Illustration 1 for details. For GTM91128***_**** and GTM91128LI*CEL **_****: Input: 100-240V ~ , 50-60Hz, 1.0A / 1.5A; Output: See section 7.0, Illustration 1 for details.
Other Ratings	NA

3.0 Product Photographs

Photo 1 - External view for GT*96300 series with hybrid desktop housing



Photo 2 - External view for GT*96300 series with hybrid desktop housing



3.0 Product Photographs

Photo 3 - Internal view for GT*96300 series (Class I)

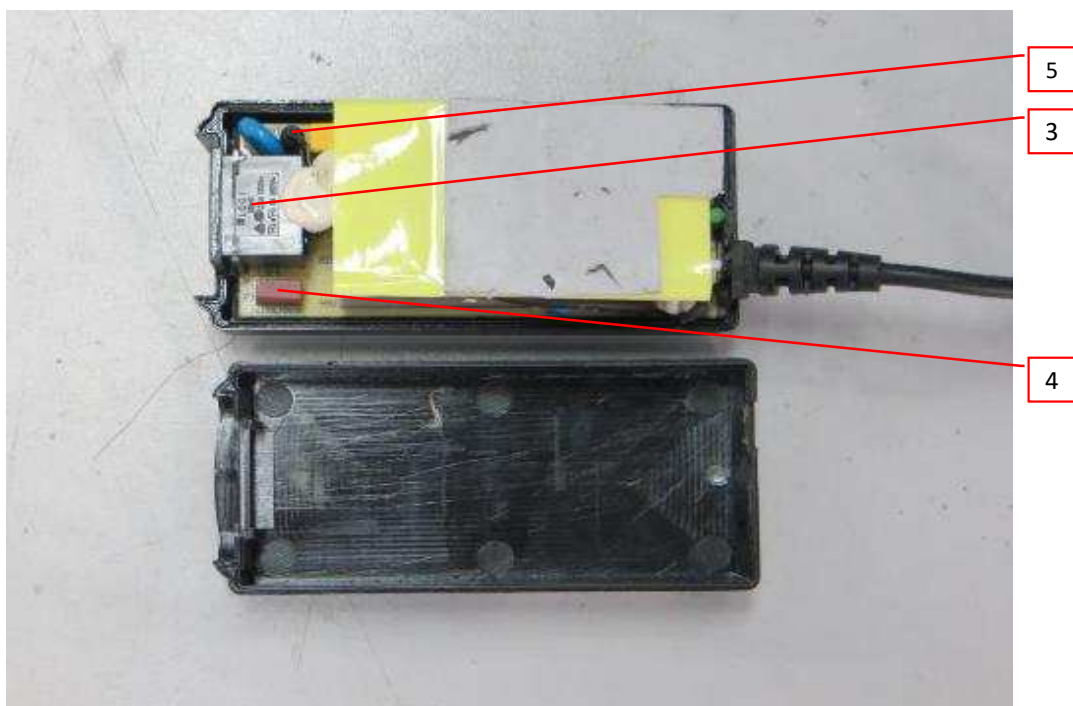


Photo 4 - Internal view for GT*96300 series (Class I)



3.0 Product Photographs

Photo 5 - PCB for GT*96300 series (Class I)

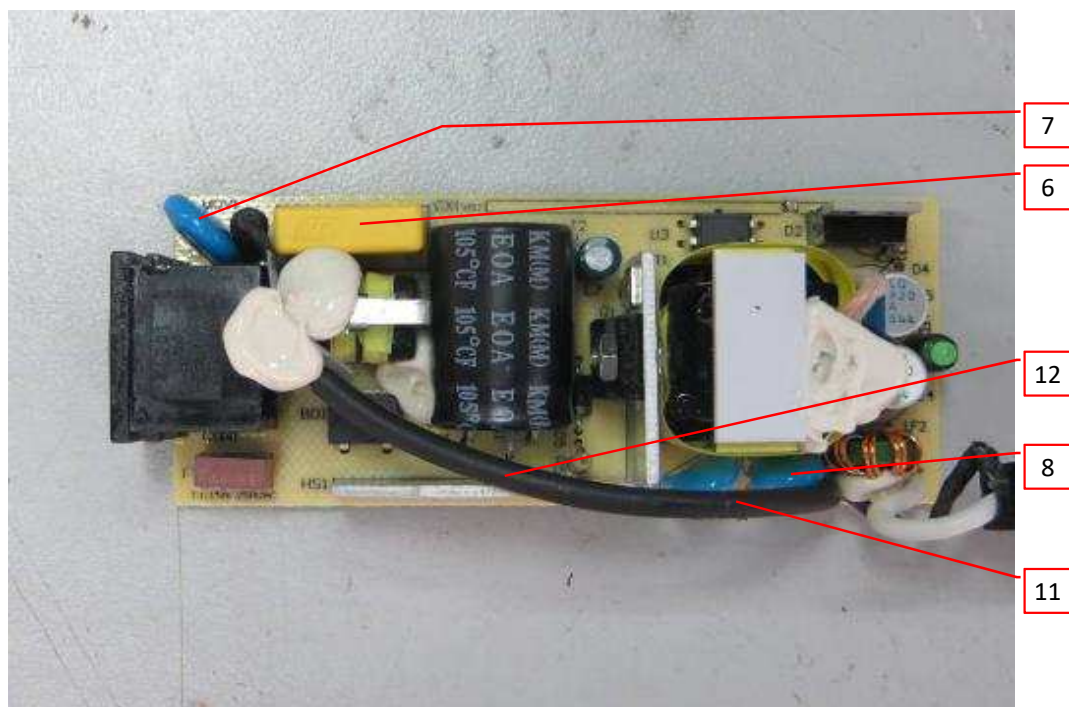


Photo 6 - Internal view for GT*96300 series (Class II)



3.0 Product Photographs

Photo 7 - Internal view for GT*96300 series (Class II)

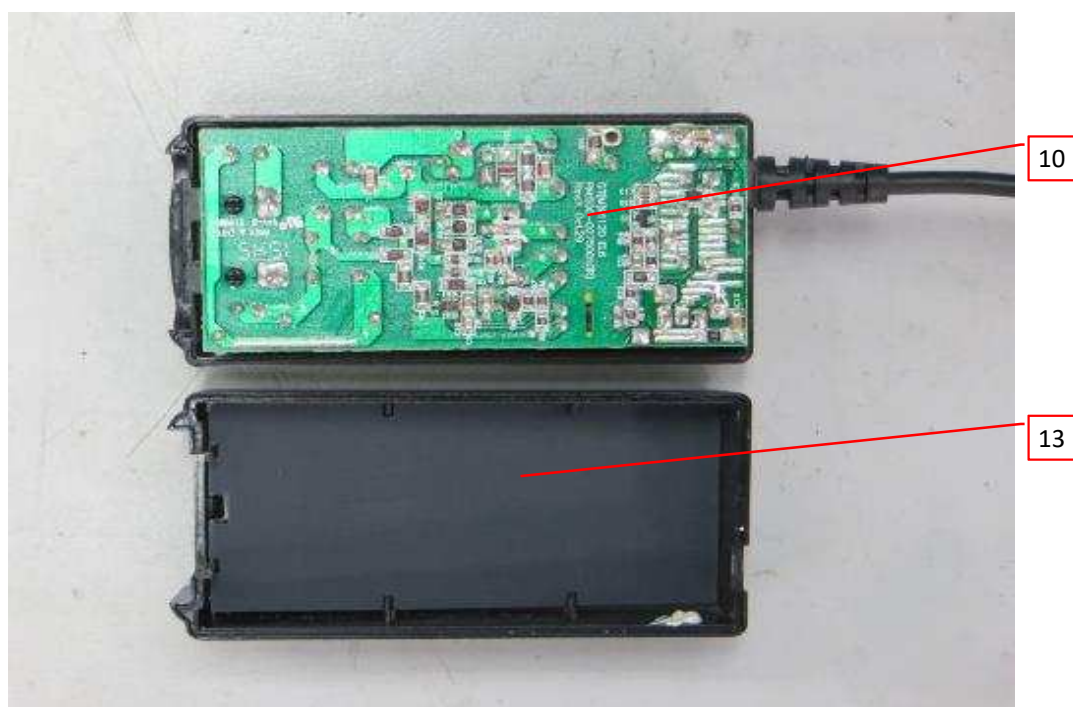
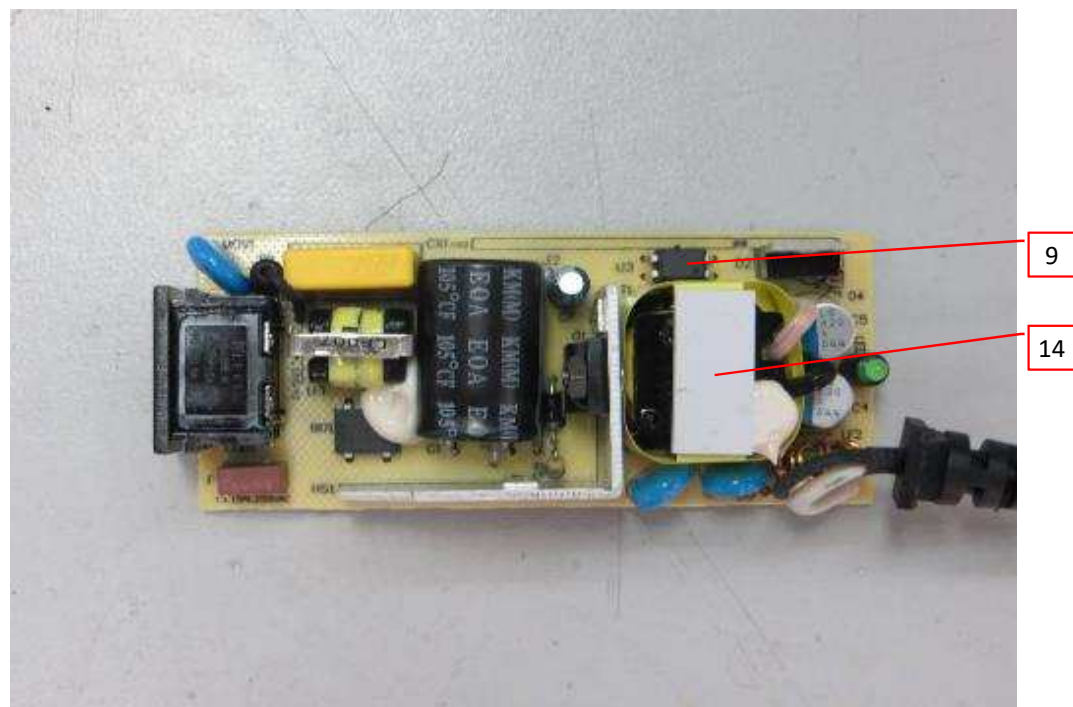


Photo 8 - PCB for GT*96300 series (Class II)

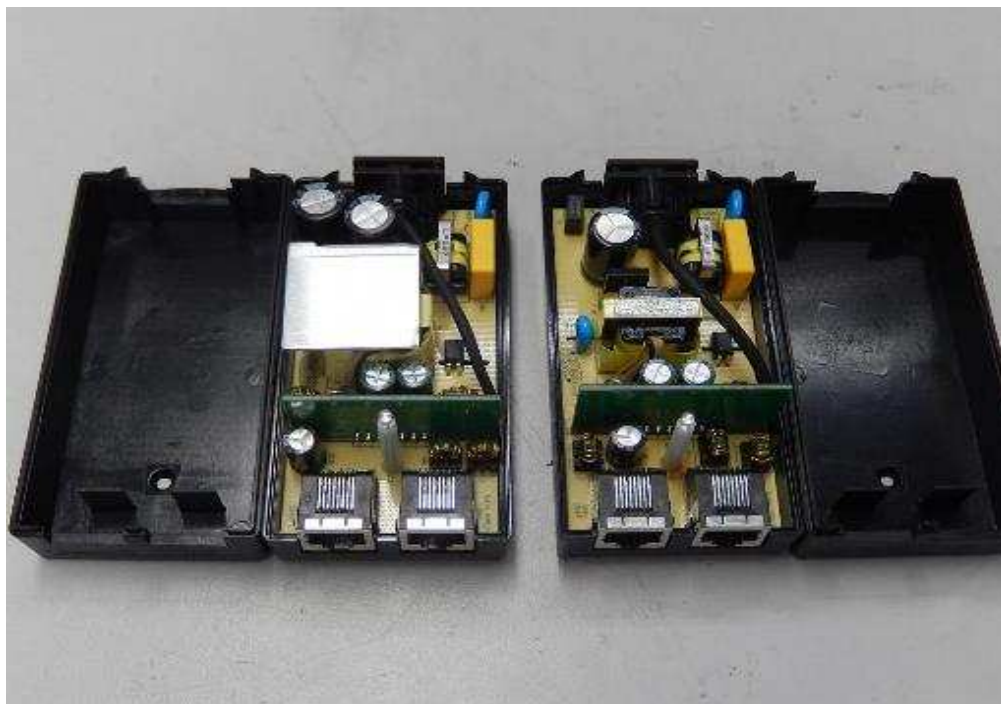


3.0 Product Photographs

Photo 9 - External view for GT*96300 POE series



Photo 10 - Internal view for GT*96300 POE series



3.0 Product Photographs

Photo 11 - Internal view for GT*96300 POE series

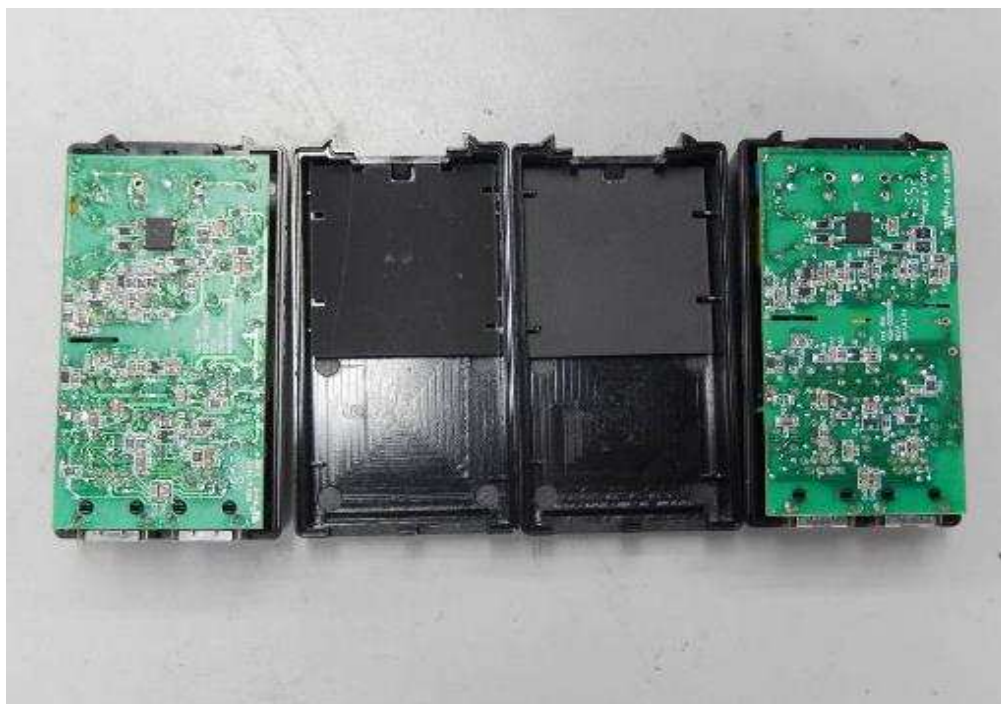


Photo 12 - External view for GTM91128LI3CEL-**** or GTM91128*CHARGE-****

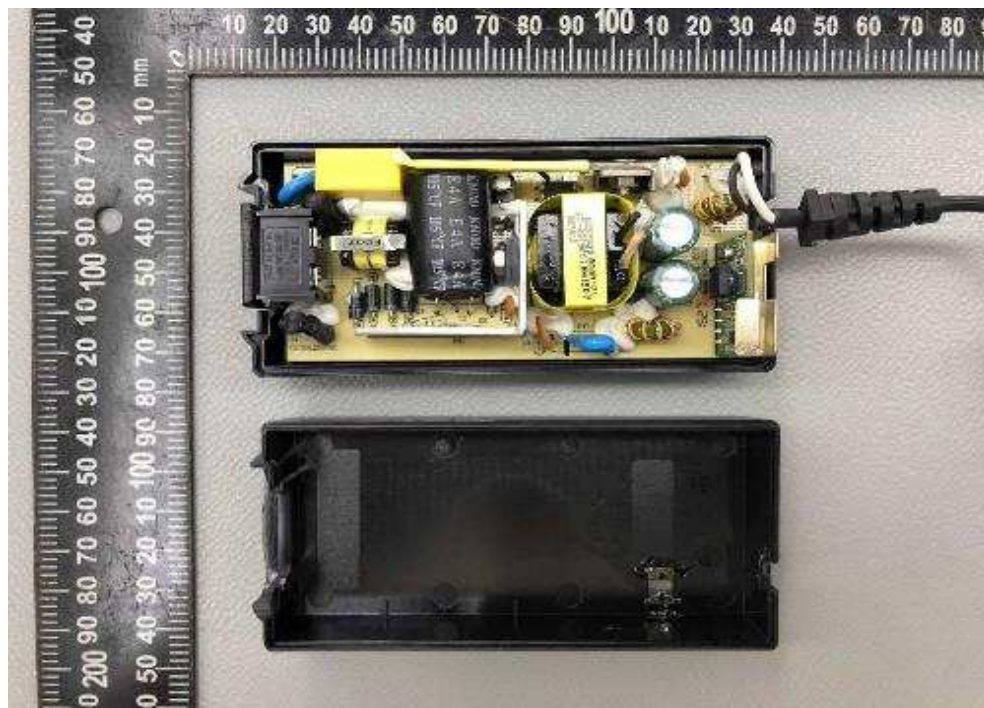


3.0 Product Photographs

Photo 13 - External view for GTM91128LI3CEL-**** or GTM91128*CHRG-****



Photo 14 - Internal view for GTM91128LI3CEL-**** or GTM91128*CHRG-****



3.0 Product Photographs

Photo 15 - Internal view for GTM91128LI3CEL-**** or GTM91128*CHRG-****

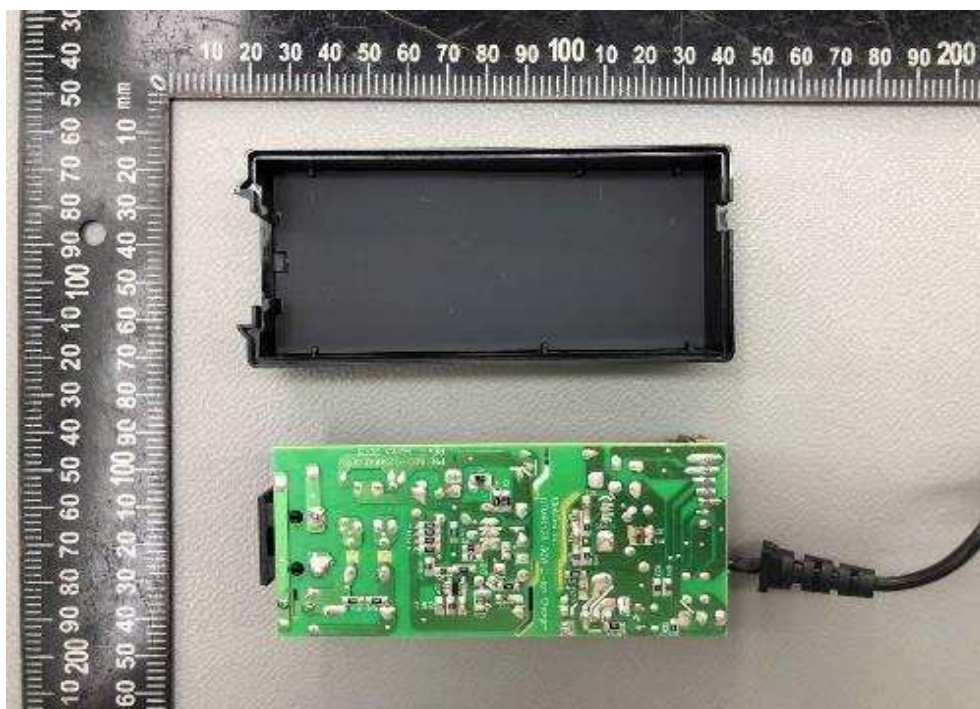
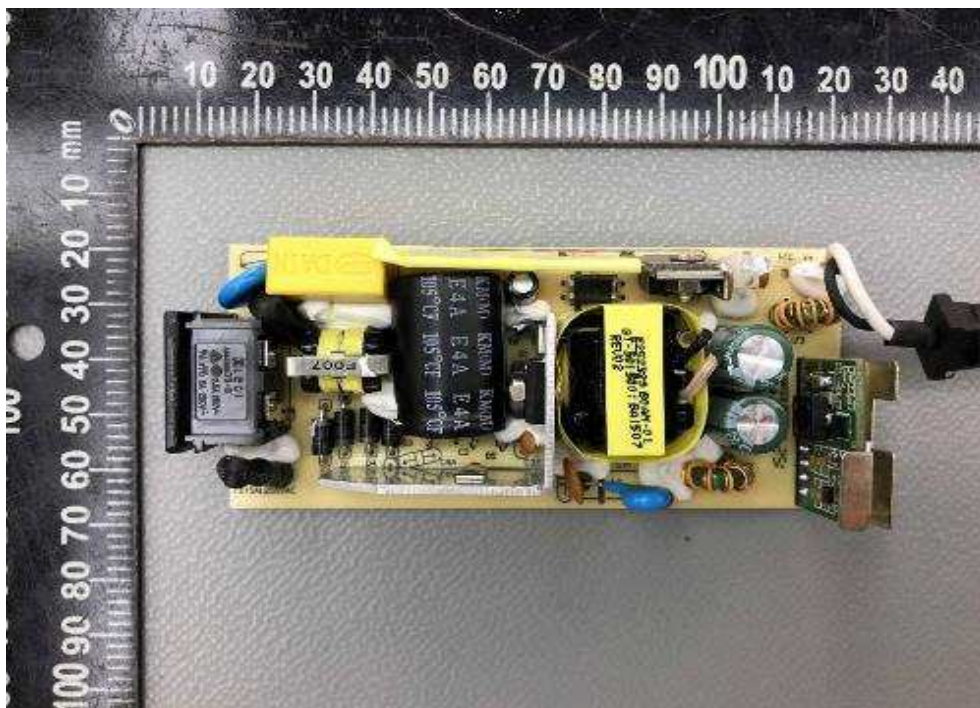


Photo 16 - PCB for GTM91128LI3CEL-**** or GTM91128*CHRG-****



3.0 Product Photographs

Photo 17 - PCB for GTM91128LI3CEL-**** or GTM91128*CHRG-****

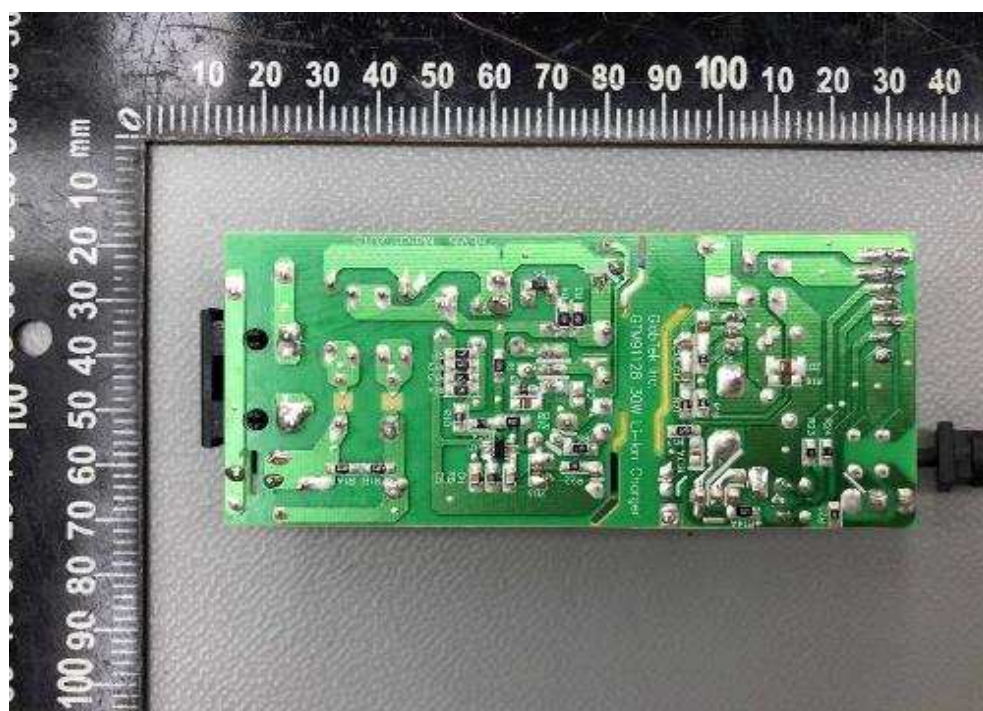


Photo 18 - External view for GTM91128LI3CEL-****



3.0 Product Photographs

Photo 19 - External view for GTM91128LI3CEL-****



Photo 20 - Internal view for GTM91128LI1CEL-****



3.0 Product Photographs

Photo 21 - Internal view for GTM91128LI1CEL-****

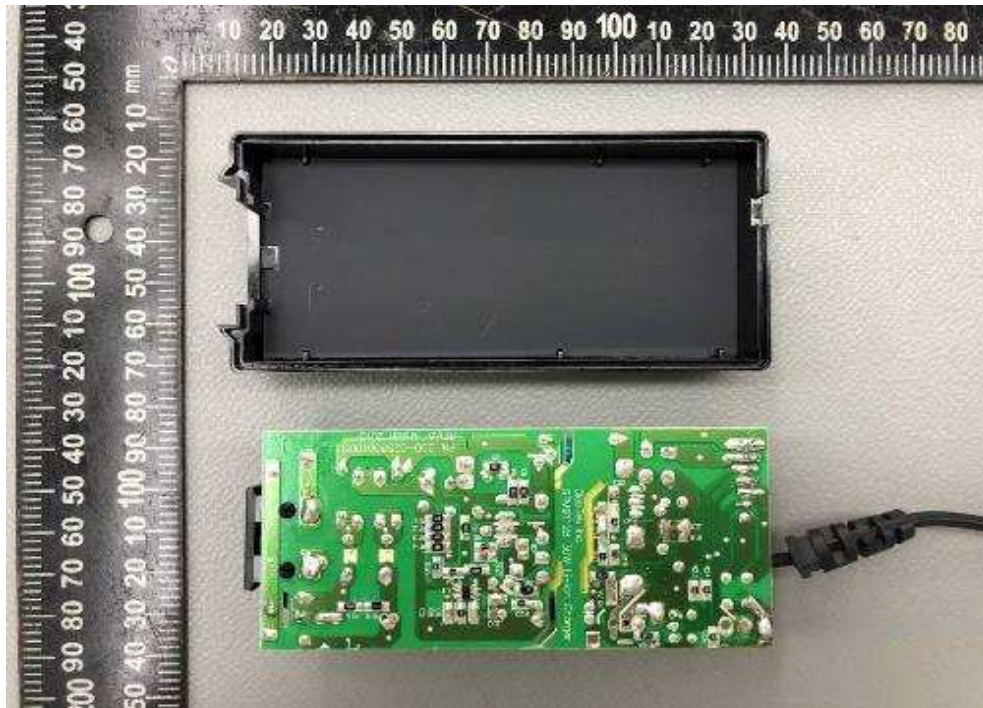
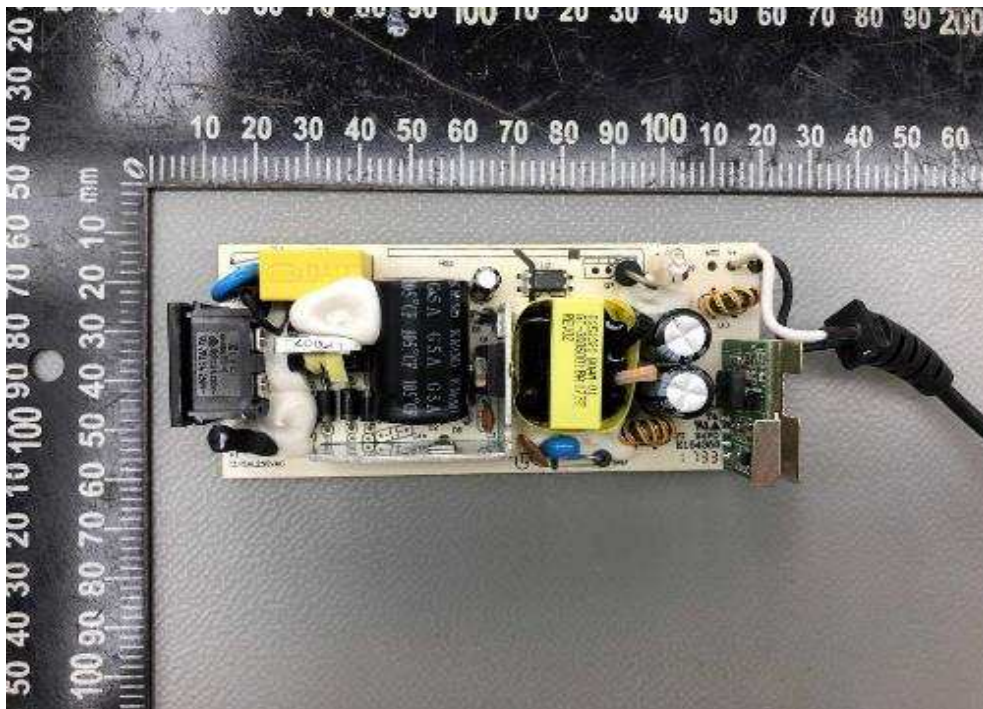


Photo 22 - PCB for GTM91128LI1CEL-****



3.0 Product Photographs

Photo 23 - PCB for GTM91128LI1CEL-****

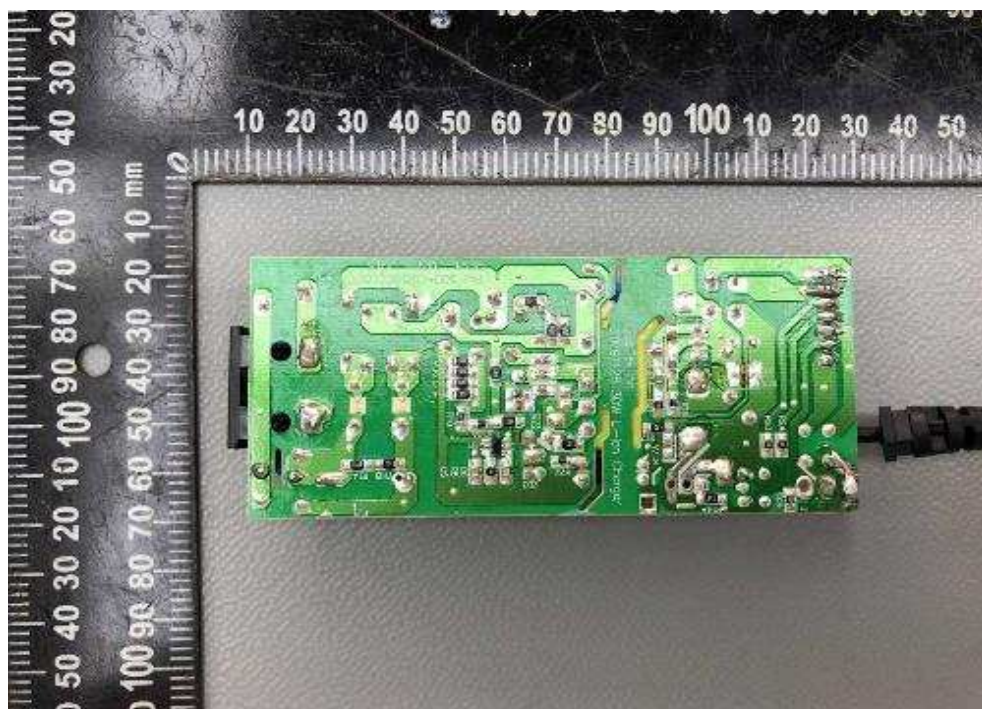


Photo 24 - External view for GTM91128LI3CELM-**** or GTM91128*DUALC-****

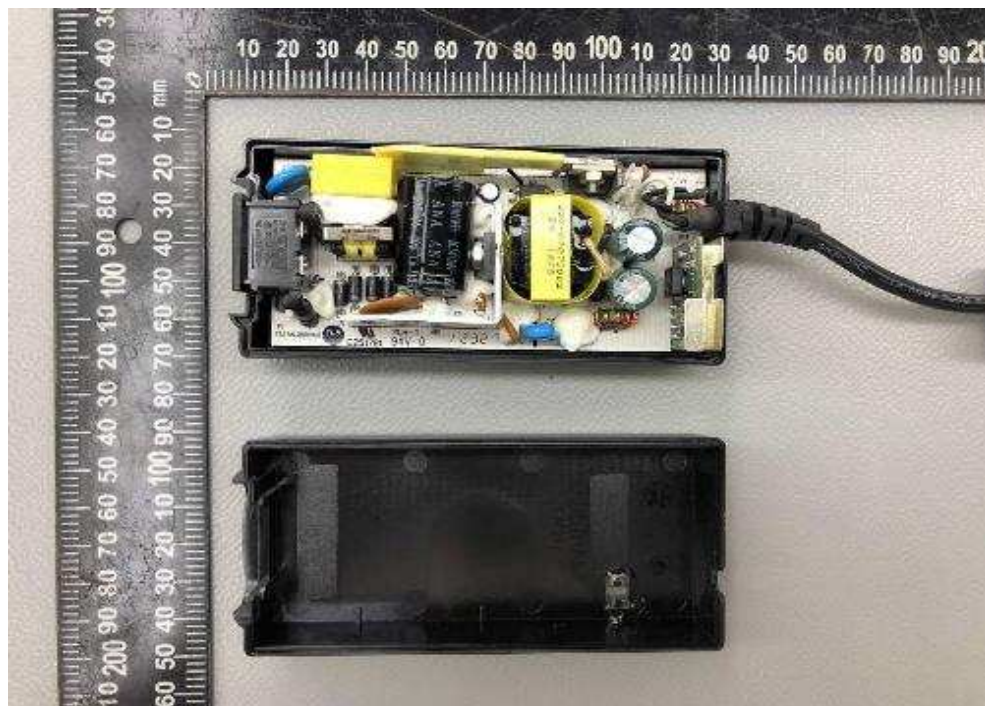


3.0 Product Photographs

Photo 25 - External view for GTM91128LI3CELM-**** or GTM91128*DUALC-****



Photo 26 - Internal view for GTM91128LI3CELM-**** or GTM91128*DUALC-****



3.0 Product Photographs

Photo 27 - Internal view for GTM91128LI3CELM-**** or GTM91128*DUALC-****



Photo 28 - PCB for GTM91128LI3CELM-**** or GTM91128*DUALC-****



3.0 Product Photographs

Photo 29 - PCB for GTM91128LI3CELM-**** or GTM91128*DUALC-****

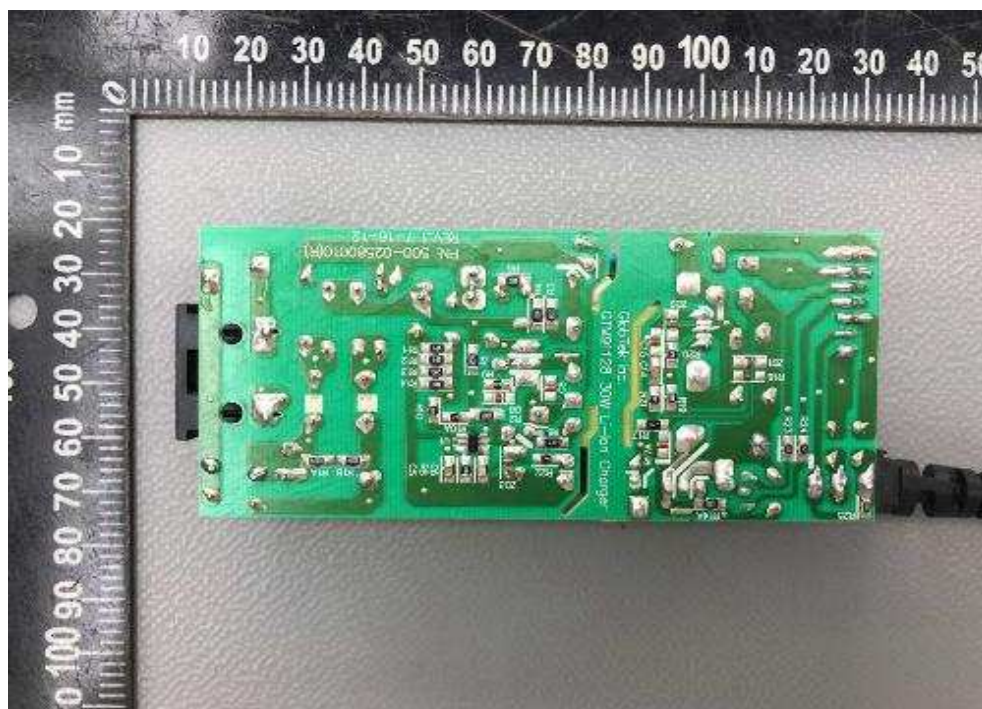


Photo 30 - External view for GTM91128LI1CELM-****



3.0 Product Photographs

Photo 31 - External view for GTM91128LI1CELM-****



Photo 32 - Internal view for GTM91128LI1CELM-****



3.0 Product Photographs

Photo 33 - Internal view for GTM91128LI1CELM-****

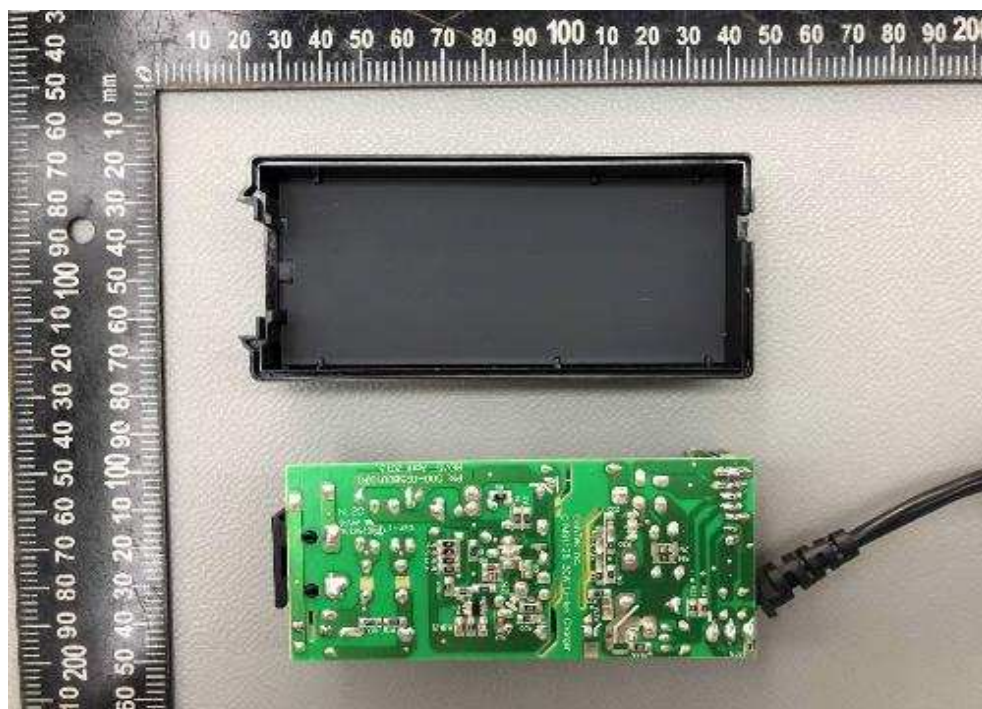
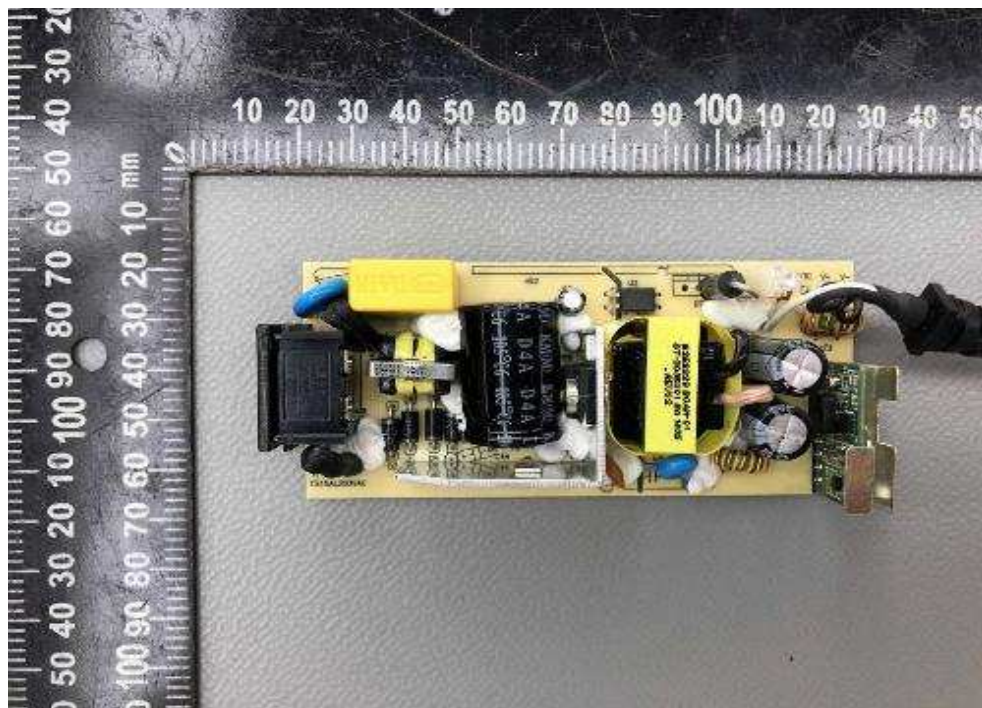


Photo 34 - PCB for GTM91128LI1CELM-****



3.0 Product Photographs

Photo 35 - PCB for GTM91128LI1CELM-****

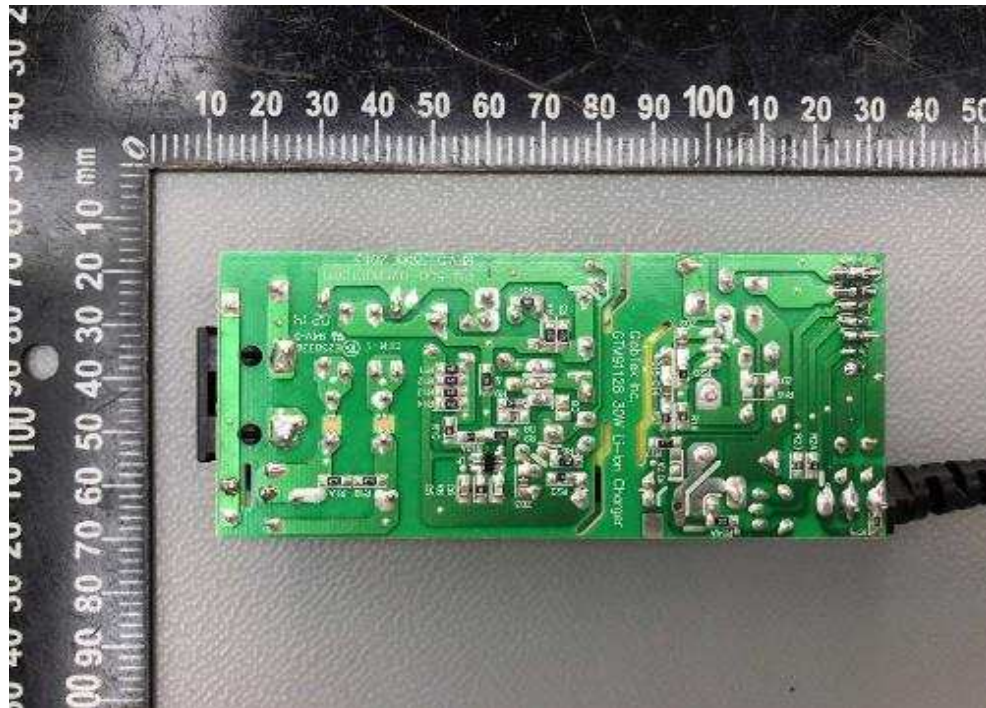


Photo 36 - External view for GTM91128LI1CEL-T2-**** and GTM91128LI1CEL-T2A-**** with desktop enclosure

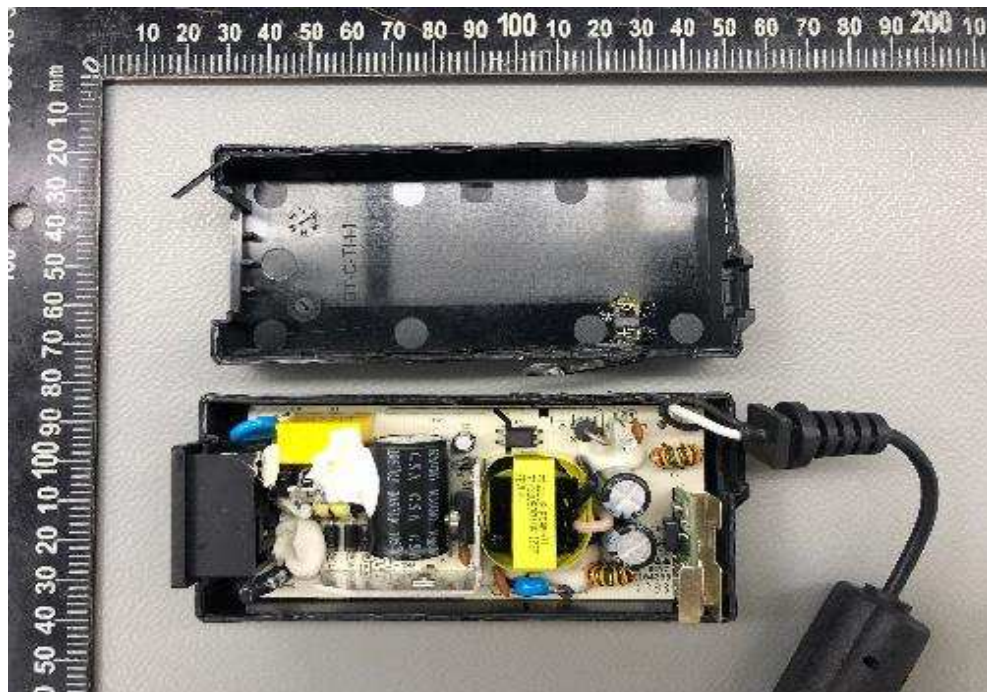


3.0 Product Photographs

Photo 37 - External view for GTM91128LI1CEL-T2-** and GTM91128LI1CEL-T2A-**** with desktop enclosure**



Photo 38 - Internal view for GTM91128LI1CEL-T2A-****

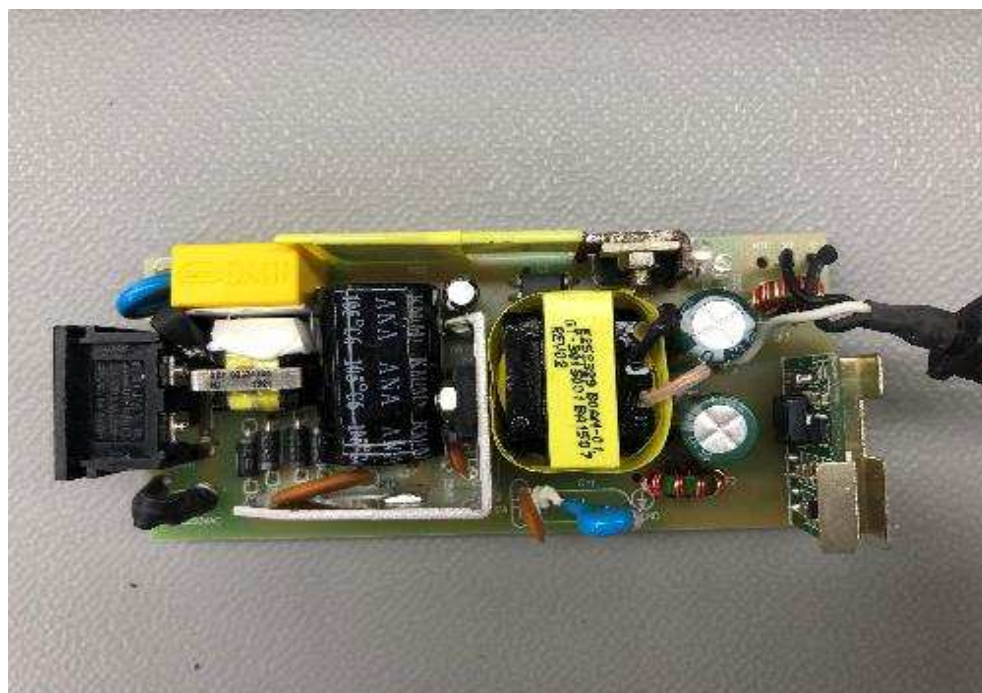


3.0 Product Photographs

Photo 39 - Internal view for GTM91128LI1CEL-T2A-****



Photo 40 - Alternative PCB layout with 2 LEDs



3.0 Product Photographs

Photo 41 - Alternative PCB layout with 2 LEDs

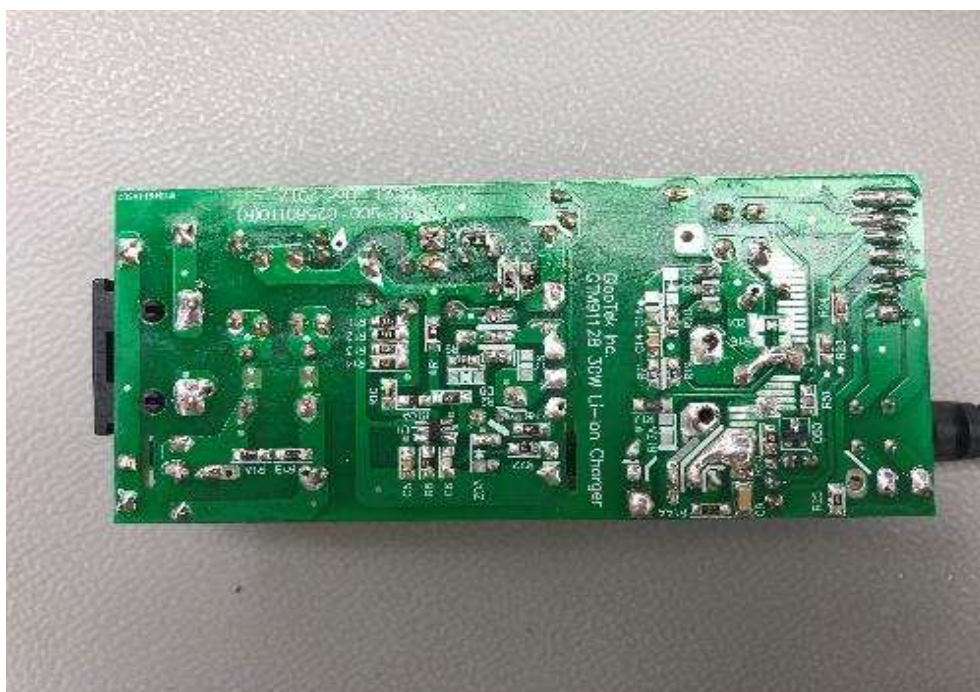


Photo 42 - Transformer GT-3005001



3.0 Product Photographs

Photo 43 - Transformer GT-3005001

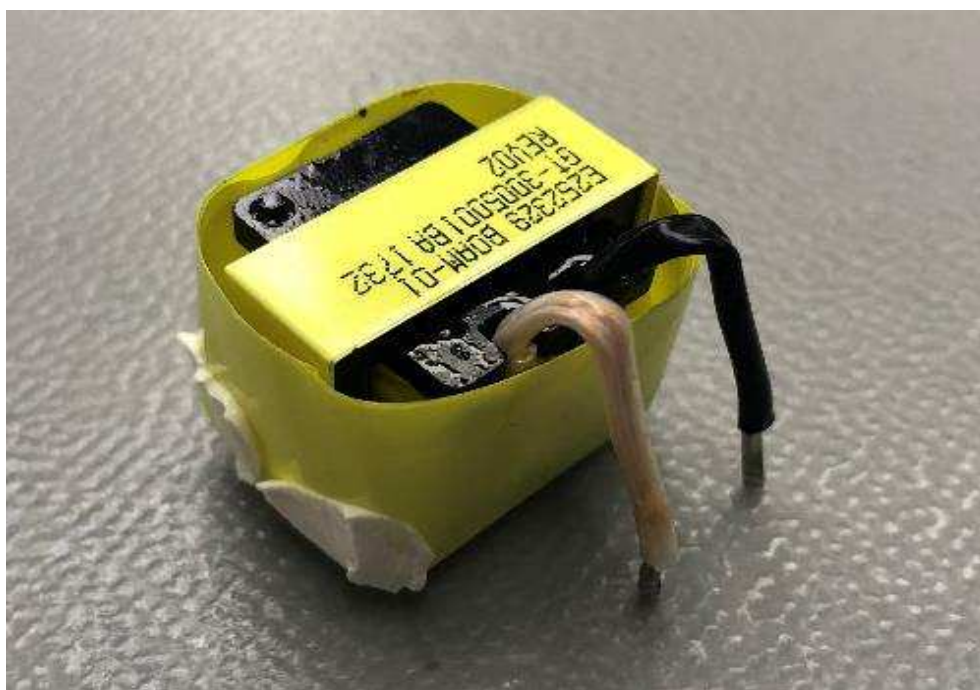


Photo 44 - Transformer GT-3005001

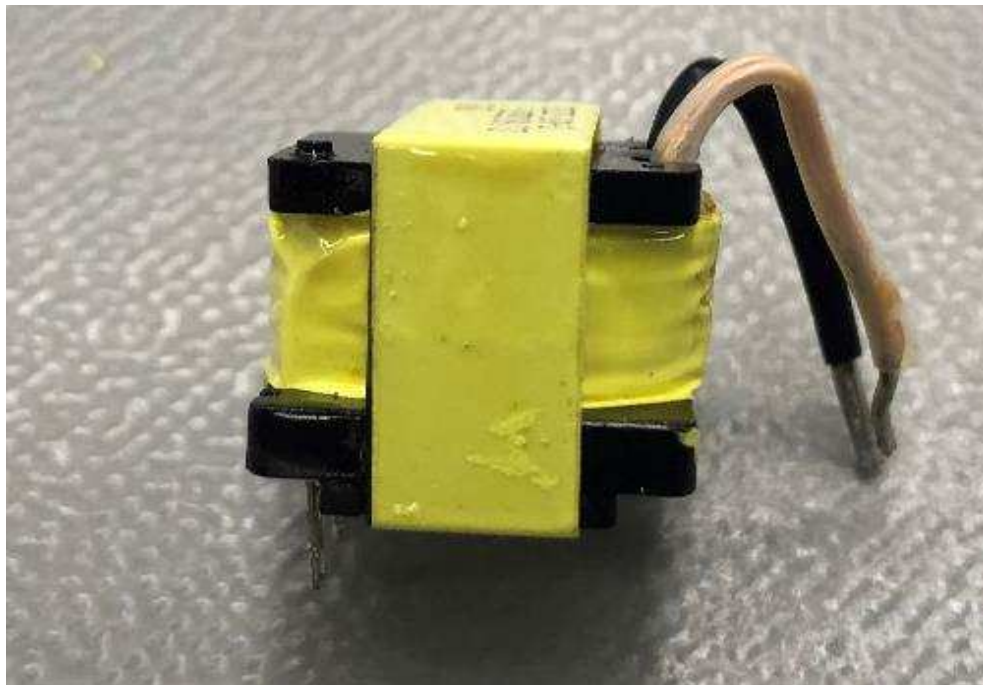


3.0 Product Photographs

Photo 45 - Transformer GT-3005001



Photo 46 - Transformer GT-3005001



3.0 Product Photographs

Photo 47 - Transformer GT-3005001

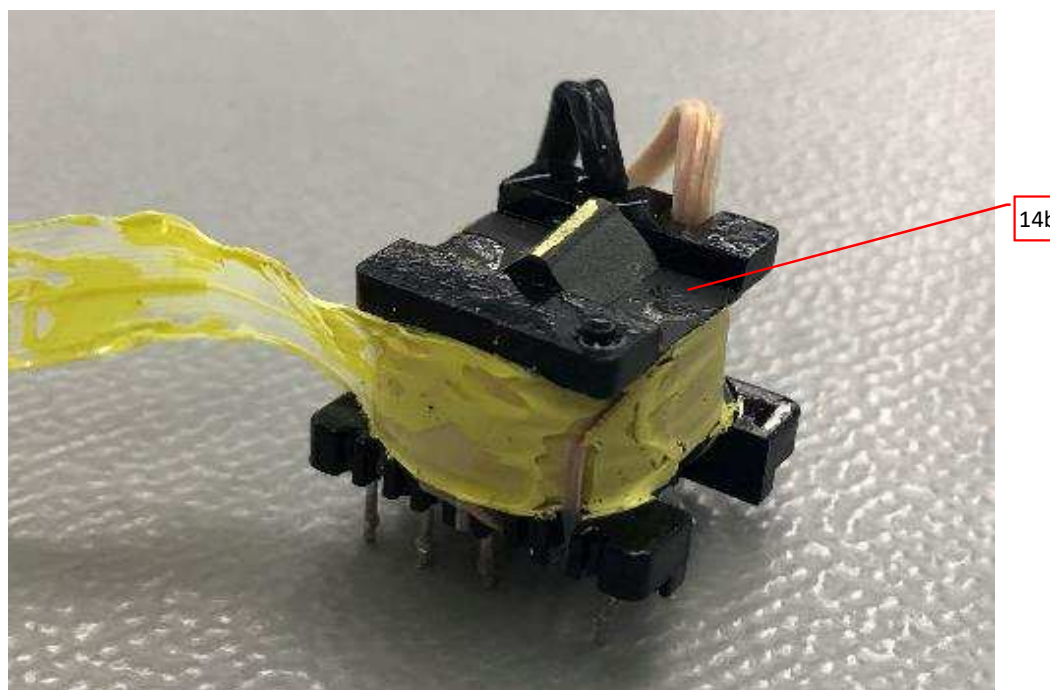
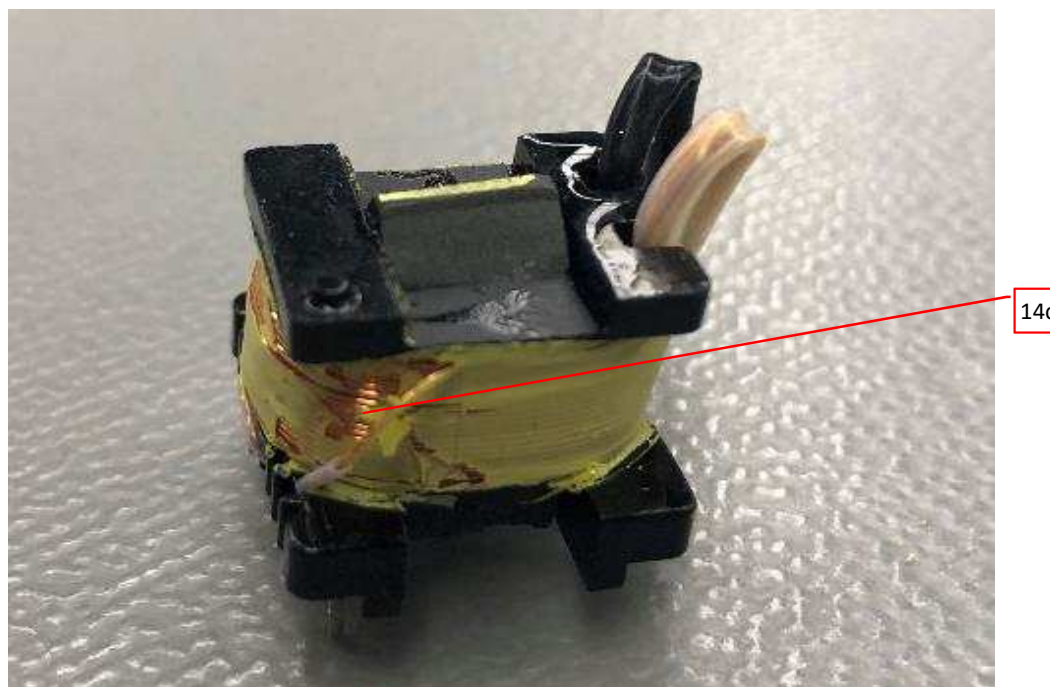


Photo 48 - Transformer GT-3005001



3.0 Product Photographs

Photo 49 - Transformer GT-3005001

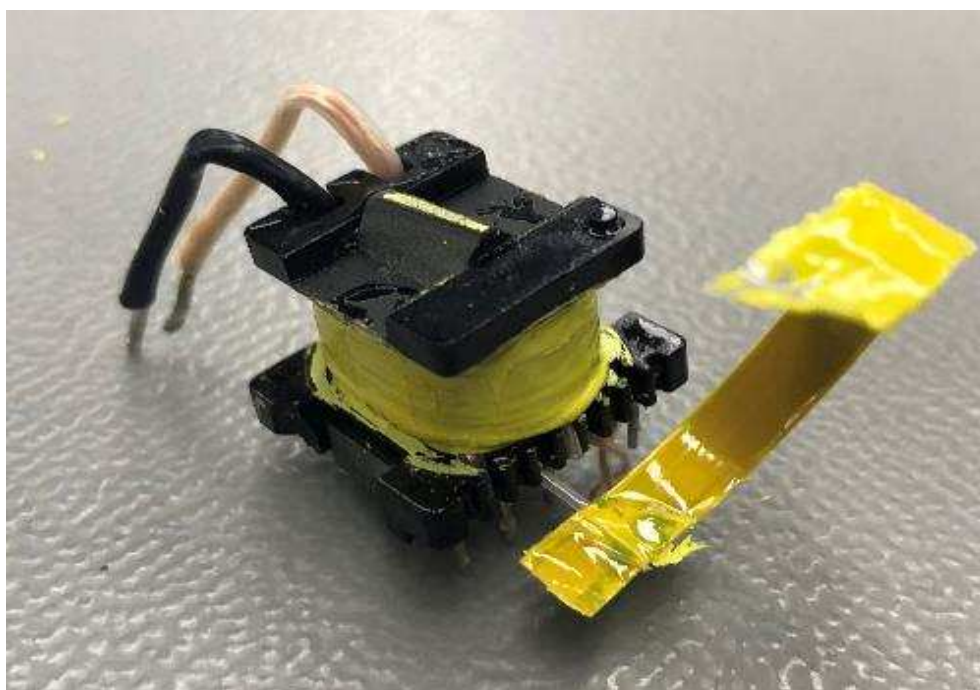
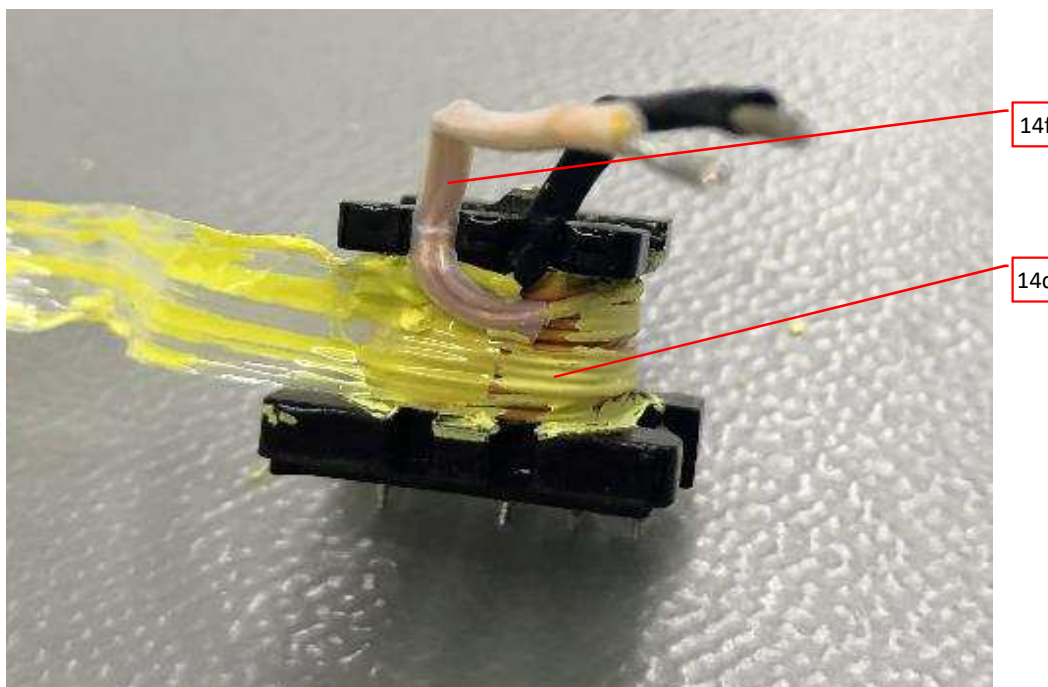


Photo 50 - Transformer GT-3005001



3.0 Product Photographs

Photo 51 - Transformer GT-3005001

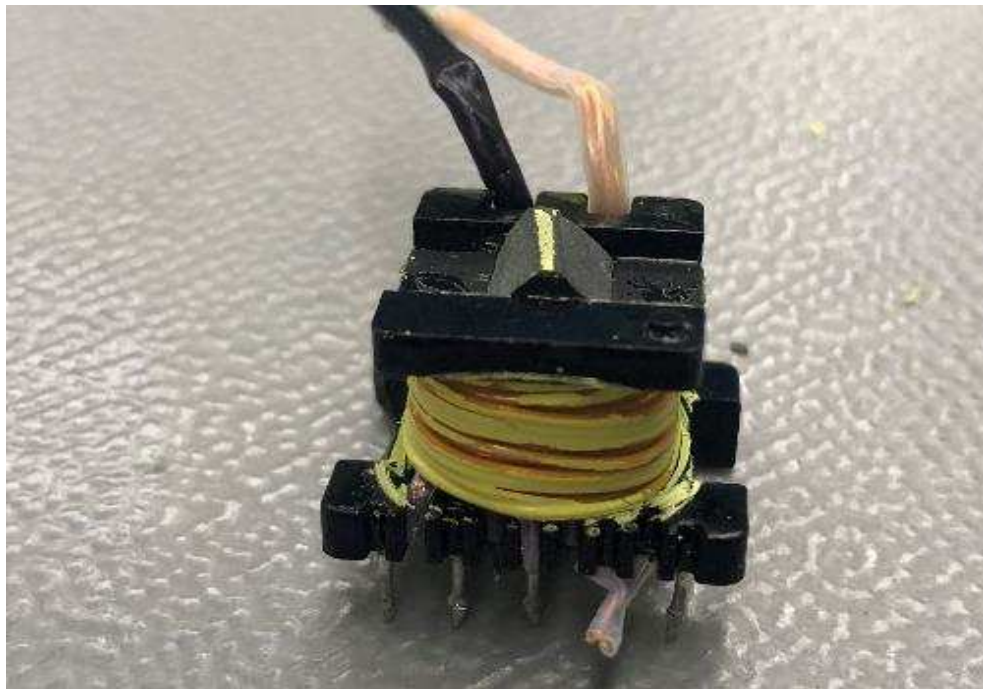
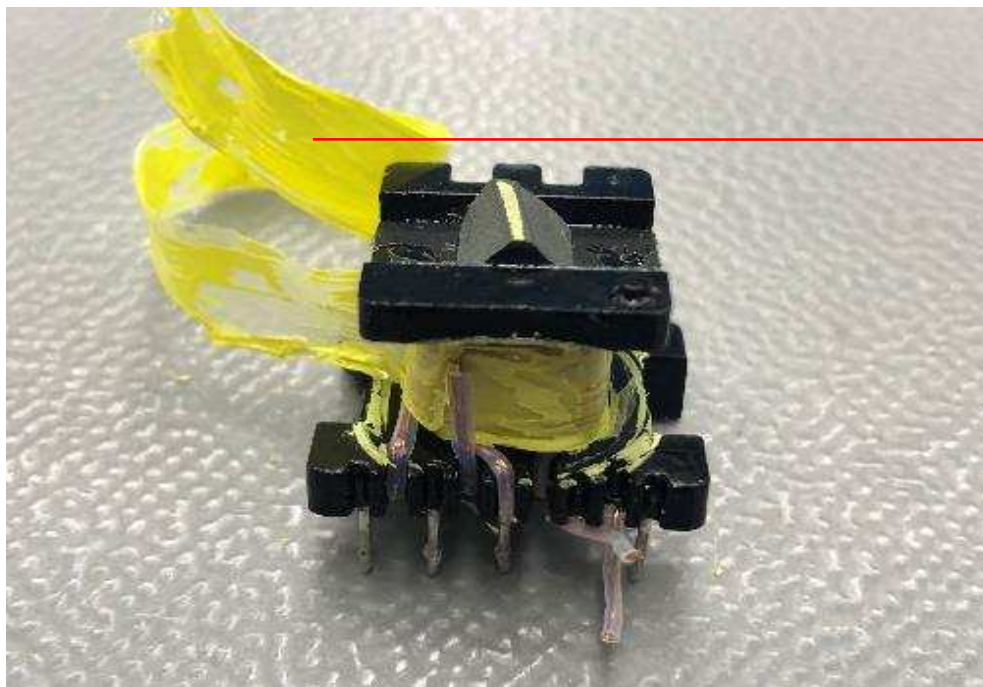


Photo 52 - Transformer GT-3005001



3.0 Product Photographs

Photo 53 - Transformer GT-3005001

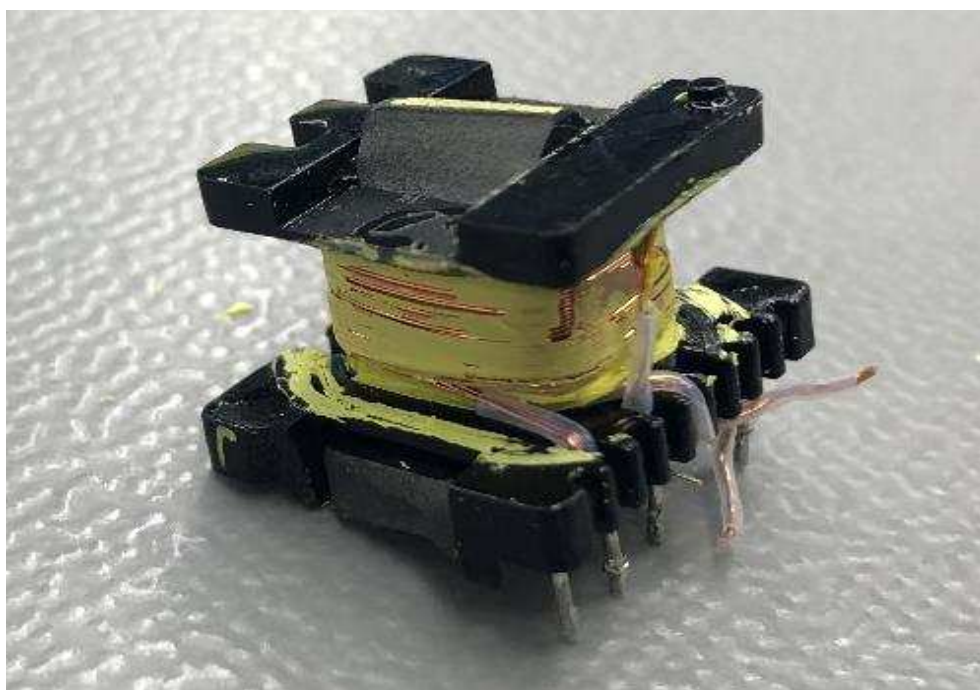
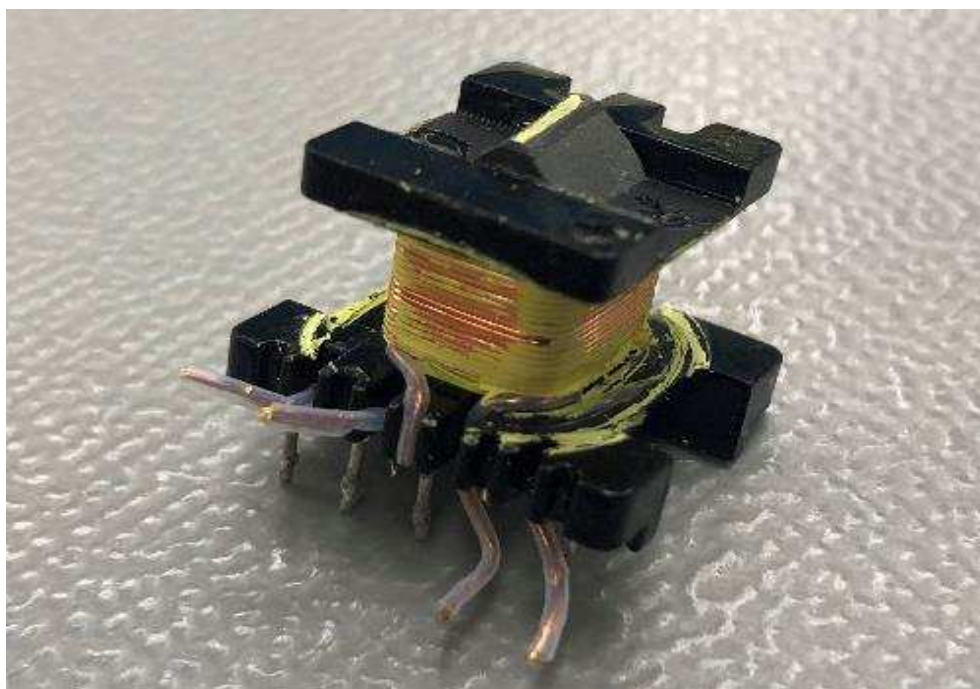


Photo 54 - Transformer GT-3005001



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
2	1	Enclosure	SABIC INNOVATIVE PLASTICS B V (UL E45329)	SE1	All models, 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 (UL E45329)	SE1X	All models, 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 (UL E45329)	SE100	All models, 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 (UL E45329)	C2950	All models, 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 (UL E45329)	CX721	All models, 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 (UL E45329)	EXCY0098	All models, 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 (UL E45329)	945	All models, 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 (UL E45329)	940	All models, PC, V-0, HWI 3, HAI 3, 120°C, min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			TEIJIN CHEMICALS LTD (UL E244324)	LN-1250P	All models, PC, V-0, HWI 3, HAI 0, 115°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
			TEIJIN CHEMICALS LTD (UL E244324)	LN-1250G	All models, 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 (UL E45329)	HF500R	All models, PC, V-0, HWI 1, HAI 3, 115°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
			CHI MEI CORPORATION (UL E56070)	PA-765A	All models, 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 (UL E56070)	PC-540	All models, PC/ABS, V-0, HWI 3, HAI 3, 70°C , min thickness: 2.0mm; Fixed by ultrasonic welding and without opening;	cURus
2	2	Output cord	Various	1185	Min. 24AWG, min. 300Vac, min. 80°C, VW-1; Fully comply with ANSI/UL 758.	cURus
			Various	2464	Min. 24AWG, min. 300Vac, min. 80°C, VW-1; Fully comply with ANSI/UL 758.	cURus
			Various	2468	Min. 24AWG, min. 300Vac, min. 80°C, VW-1; Fully comply with ANSI/UL 758.	cURus
			Various	Various	Min. 24AWG, min. 300Vac, min. 80°C, VW-1; Fully comply with ANSI/UL 758; Performance parameter shall be equal to 1185, 2464 or 2468.	cURus
			ZHEJIANG LECI ELECTRONICS CO LTD (UL E302229)	DB-6	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***-T3A** and GT*96300-***-R3A**	cURus
			RICH BAY CO LTD (UL E184638)	R-30790	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***-T3A** and GT*96300-***-R3A**	cURus
			SUN FAIR ELECTRIC WIRE & CABLE (HK) CO LTD (UL E226643)	S-02	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***-T3A** and GT*96300-***-R3A**	cURus
			TECX-UNIONS TECHNOLOGY CORP (UL E220004)	TU-333	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***-T3A** and GT*96300-***-R3A**	cURus
			RONG FENG INDUSTRIAL CO LTD (UL E102641)	RF-190	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***T3A** and GT*96300-***R3A**	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
			INALWAYS CORP (UL E94191)	0724	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***-T3A** and GT*96300-***-R3A**	cURus
			ZHE JIANG BEI ER JIA ELECTRONIC CO LTD (UL E225980)	ST-A04-002	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***-T3A** and GT*96300-***-R3A**	cURus
			SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (UL E217394)	CDJ-2	250VAC, 2.5A, standard sheet C6 type, for models GT*96300-***-T3A** and GT*96300-***-R3A**	cURus
			ZHEJIANG LECI ELECTRONICS CO LTD (UL E302229)	DB-14	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	cURus
			RICH BAY CO LTD (UL E184638)	R-301SN	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	cURus
			SUN FAIR ELECTRIC WIRE & CABLE (HK) CO LTD (UL E226643)	S-03	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	cURus
			TECX-UNIONS TECHNOLOGY CORP (UL E220004)	TU-301-S	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	cURus
			TECX-UNIONS TECHNOLOGY CORP (UL E220004)	TU-301-SP	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	cURus
			RONG FENG INDUSTRIAL CO LTD (UL E102641)	SS-120	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	cURus
			INALWAYS CORP (UL E94191)	0711	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	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
3	3	Appliance inlet	ZHE JIANG BEI ER JIA ELECTRONIC CO LTD (UL E225980)	ST-A01-003J	250VAC, 10A, standard sheet C14 type, for models GT*96300-***-T3**	cURus
			ZHEJIANG LECI ELECTRONICS CO LTD (UL E302229)	DB-8	250VAC, 2.5A, standard sheet C8 type, for models GT*96300- ***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	cURus
			RICH BAY CO LTD (UL E184638)	R-201SN90	250VAC, 2.5A, standard sheet C8 type, for models GT*96300- ***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	cURus
			SUN FAIR ELECTRIC WIRE & CABLE (HK) CO LTD (UL E226643)	S-01	250VAC, 2.5A, standard sheet C8 type, for models GT*96300- ***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	cURus
			TECX-UNIONS TECHNOLOGY CORP (UL E220004)	SO-222	250VAC, 2.5A, standard sheet C8 type, for models GT*96300- ***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	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
			RONG FENG INDUSTRIAL CO LTD (UL E102641)	RF-180	250VAC, 2.5A, standard sheet C8 type, for models GT*96300-***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	cURus
			INALWAYS CORP (UL E94191)	0721	250VAC, 2.5A, standard sheet C8 type, for models GT*96300-***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	cURus
			ZHE JIANG BEI ER JIA ELECTRONIC CO LTD (UL E225980)	ST-A03-005	250VAC, 2.5A, standard sheet C8 type, for models GT*96300-***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	cURus
			SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (UL E217394)	CDJ-8	250VAC, 2.5A, standard sheet C8 type, for models GT*96300-***-T2**, GT*96300-***-R2**, GTM91128**-R2-****, GTM91128**-****, GTM91128**-T2-****, GTM91128LI*CEL*-R2-****, GTM91128LI*CEL*-**** and GTM91128LI*CEL*-T2-****	cURus
			RONG FENG INDUSTRIAL CO LTD (UL E102641)	SS-120A	10A, 250Vac, C18, for models GT*96300-***-T2A**, GTM91128**-T2A-****, GTM91128LI*CEL*-T2A-****	cURus
			RICH BAY CO LTD (UL E184638)	R-301SN(C01)	10A, 250Vac, C18, for models GT*96300-***-T2A**, GTM91128**-T2A-****, GTM91128LI*CEL*-T2A-****	cURus
			HCR ELECTRONICS CO LTD (UL E344254)	SK05	10A, 250Vac, C18, for models GT*96300-***-T2A**, GTM91128**-T2A-****, GTM91128LI*CEL*-T2A-****	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
3	4	Fuse	CONQUER ELECTRONICS CO LTD (UL E82636)	MST series	F1, T3.15A, 250V; 8.35 x 4.3 x 7.7 mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC (UL E220181)	2010	F1, T3.15A; 250V;	cURus
			BEL FUSE INC (UL E20624)	RST series	F1, T3.15A; 250V; 6.8 x 3.0 x 3.6 mm	cURus
			COOPER BUSSMANN LLC (UL E19180)	SS-5	F1, T3.15A; 250V; 8.6 x 4.3 x 8.4 mm	cURus
			SHENZHEN LANSO ELECTRONICS CO LTD (UL E221465)	SMT	F1, T3.15A; 250V; 8.4 x 4 x 7.7 mm	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD (UL E300003)	932	F1, T3.15A; 250V; 8.5 x 4.0 mm	cURus
			HOLLYLAND CO LTD (UL E156471)	5ET	F1, T3.15A; 250V; 8 x 4 x 8.5 mm	cURus
			SUNNY EAST ENTERPRISE CO LTD (UL E133774)	CFD series	F1, T3.15A; 250V; 3.6 x 10 mm	cURus
			CONQUER ELECTRONICS CO LTD (UL E82636)	MET series	F1, T3.15A; 250V; 8.35 x 7.7 mm	cURus
			ZHONG SHAN LANBAO ELECTRICAL APPLIANCES CO LTD (UL E213695)	RTI-10 series	F1, T3.15A; 250V; 3.5 x 10 mm	cURus
			CONQUER ELECTRONICS CO LTD (UL E82636)	MST series	F2, T3.15A, 250V; 8.35 x 4.3 x 7.7 mm	cURus
			EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC (UL E220181)	2010	F1, T3.15A; 250V;	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
3	5	Fuse (Optional)	BEL FUSE INC (UL E20624)	RST series	F2, connected on N as backup of F1. T3.15A; 250V; 6.8 x 3.0 x 3.6 mm	cURus
			COOPER BUSSMANN LLC (UL E19180)	SS-5	F2, connected on N as backup of F1. T3.15A; 250V; 8.6 x 4.3 x 8.4 mm	cURus
			SHENZHEN LANSON ELECTRONICS CO LTD (UL E221465)	SMT	F2, connected on N as backup of F1. T3.15A; 250V; 8.4 x 4 x 7.7 mm	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD (UL E300003)	932	F2, connected on N as backup of F1. T3.15A; 250V; 8.5 x 4.0 mm	cURus
			HOLLYLAND CO LTD (UL E156471)	5ET	F2, connected on N as backup of F1. T3.15A; 250V; 8 x 4 x 8.5 mm	cURus
			SUNNY EAST ENTERPRISE CO LTD (UL E133774)	CFD series	F2, connected on N as backup of F1. T3.15A; 250V; 3.6 x 10 mm	cURus
			CONQUER ELECTRONICS CO LTD (UL E82636)	MET series	F2, connected on N as backup of F1. T3.15A; 250V; 8.35 x 7.7 mm	cURus
			ZHONG SHAN LANBAO ELECTRICAL APPLIANCES CO LTD (UL E213695)	RTI-10 series	F2, connected on N as backup of F1. T3.15A; 250V; 3.5 x 10 mm	cURus
			CHENG TUNG INDUSTRIAL CO LTD (UL E193049)	CTX	CX1, Min. 300VAC, Max. 0.47µF, -40~+110°C, X1 or X2	cURus
			TENTA ELECTRIC INDUSTRIAL CO LTD (UL E222911)	MEX	CX1, Min. 250VAC, Max. 0.47µF, -40~+100°C, X1 or X2	cURus
			JOEY ELECTRONICS (DONG GUAN) CO LTD (UL E216807)	MPX	CX1, Min. 300VAC, Max. 0.47µF, -40~+110°C, X1 or X2	cURus
			ULTRA TECH XIPHI ENTERPRISE CO LTD (UL E183780)	HQX	CX1, Min. 250VAC, Max. 0.47µF, -40~+110°C, 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
5	6	X capacitor (Optional)	YUON YU ELECTRONICS CO LTD (UL E200119)	MPX Series	CX1, Min. 250VAC, Max. 0.47μF, -40~+100°C, X2	cURus
			SINHUA ELECTRONICS (HUZHOU) CO LTD (UL E237560)	MPX	CX1, Min. 250VAC, Max. 0.47μF, -40~+110°C, X1 or X2	cURus
			JIANGSU XINGHUA HUAYU ELECTRONICS CO LTD (UL E311166)	MPX	CX1, Min. 250VAC, Max. 0.47μF, -40~+100°C, X2	cURus
			DAIN ELECTRONICS CO LTD (UL E147776)	MPX	CX1, Min. 250VAC, Max. 0.47μF, -40~+110°C, X1 or X2	cURus
			DAIN ELECTRONICS CO LTD (UL E147776)	MEX	CX1, Min. 250VAC, Max. 0.47μF, -40~+110°C, X1 or X2	cURus
			DAIN ELECTRONICS CO LTD (UL E147776)	NPX	CX1, Min. 250VAC, Max. 0.47μF, -40~+110°C, X1 or X2	cURus
			SHENZHEN JINGHAO CAPACITOR CO LTD (UL E147776)	CBB62B	CX1, Min. 250VAC, Max. 0.47μF, -40~+110°C, X2	cURus
			THINKING ELECTRONIC INDUSTRIAL CO LTD (UL E314979)	TVR10471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			THINKING ELECTRONIC INDUSTRIAL CO LTD (UL E314979)	TVR14471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			CENTRA SCIENCE CORP (UL E316325)	CNR-10D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			CENTRA SCIENCE CORP (UL E316325)	CNR-14D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°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
5	7	Varistor (Optional)	SUCCESS ELECTRONICS CO LTD (UL E330256)	SVR10D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			SUCCESS ELECTRONICS CO LTD (UL E330256)	SVR14D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			WALSIN TECHNOLOGY CORP (UL E309297)	VZ14D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			LIEN SHUN ELECTRONICS CO LTD (UL E315524)	14D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			CERAMATE TECHNICAL CO LTD (UL E315429)	10D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			CERAMATE TECHNICAL CO LTD (UL E315429)	14D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			BRIGHTKING (SHENZHEN) CO LTD (UL E327997)	14D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			BRIGHTKING (SHENZHEN) CO LTD (UL E327997)	10D471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 105°C	cURus
			JOYIN CO LTD (UL E325508)	10N471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			JOYIN CO LTD (UL E325508)	14N471K	MOV1 of GTM96300 series, MOV of GTM91128 series; Max. Continuous voltage: min 300Vac(rms), 85°C	cURus
			TDK CORPORATION (UL E37861)	CD	CY1, CY2; Y1, AC250V, max 2200pF, -25~+85°C	cURus
			SUCCESS ELECTRONICS CO LTD (UL E114280)	SE	CY1, CY2; Y1, AC250V, max 2200pF, -40~+125°C	cURus
			SUCCESS ELECTRONICS CO LTD (UL E114280)	SB	CY1, CY2; Y1, AC250V, max 2200pF, -40~+125°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
5	8	Y capacitor (Optional)	MURATA MFG CO LTD (UL E37921)	KX	CY1, CY2; Y1, AC250V, max 2200pF, -40~+125°C	cURus
			WALSIN TECHNOLOGY CORP (UL E146544)	AH series	CY1, CY2; Y1, AC250V, max 2200pF, -40~+125°C	cURus
			JYA-NAY CO LTD (UL E201384)	JN	CY1, CY2; Y1, AC250V, max 2200pF, -25~+125°C	cURus
			HAOHUA ELECTRONIC CO (UL E233106)	CT7	CY1, CY2; Y1, AC250V, max 2200pF, -30~+125°C	cURus
			JYH CHUNG ELECTRONICS CO LTD (UL E187963)	JD	CY1, CY2; Y1, AC400V, max 2200pF, -40~+85°C	cURus
			EVERLIGHT ELECTRONICS CO LTD (UL E214129)	EL817	U3 for GT*96300-*****, U2 for for GTM91128***-**** and GTM91128LI*CEL**_****; Double protection optical isolators, providing 5000 vac isolation	cURus
			COSMO ELECTRONICS CORP (UL E169586)	K1010	U3 for GT*96300-*****, U2 for for GTM91128***-**** and GTM91128LI*CEL**_****; Double protection optical isolators, providing 5000 vac isolation	cURus
			COSMO ELECTRONICS CORP (UL E169586)	KP1010	U3; Double protection optical isolators, providing 5000 vac isolation	cURus
			LITE-ON TECHNOLOGY CORP (UL E113898)	LTV-817	U3 for GT*96300-*****, U2 for for GTM91128***-**** and GTM91128LI*CEL**_****; Double protection optical isolators having an isolation voltage of 5300 Vrms	cURus
			FAIRCHILD SEMICONDUCTOR CORP (UL E90700)	H11A817B	U3 for GT*96300-*****, U2 for for GTM91128***-**** and GTM91128LI*CEL**_****; 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
8	9	Photo coupler	FAIRCHILD SEMICONDUCTOR CORP (UL E90700)	FOD817B	U3 for GT*96300-*****, U2 for for GTM91128***_**** and GTM91128LI*CEL**_****; Double Protection Optical isolators, providing 5000 vac isolation	cURus
			SHARP CORP ELECTRONIC COMPONENTS AND DEVICES BU (UL E64380)	PC817	U3 for GT*96300-*****, U2 for for GTM91128***_**** and GTM91128LI*CEL**_****; Double protection optical isolated switches, providing 5000 Vac isolation	cURus
			BRIGHT LED ELECTRONICS CORP (UL E236324)	BPC-817 A/B/C/D/L	U3 for GT*96300-*****, U2 for for GTM91128***_**** and GTM91128LI*CEL**_****; Optical isolators, double protection isolation	cURus
			BRIGHT LED ELECTRONICS CORP (UL E236324)	BPC-817M	U3 for GT*96300-*****, U2 for for GTM91128***_**** and GTM91128LI*CEL**_****; Optical isolators, double protection isolation	cURus
			BRIGHT LED ELECTRONICS CORP (UL E236324)	BPC-817S	U3 for GT*96300-*****, U2 for for GTM91128***_**** and GTM91128LI*CEL**_****; Optical isolators, double protection isolation	cURus
			TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION (UL E67349)	TLP781F	U3 for GT*96300-*****, U2 for for GTM91128***_**** and GTM91128LI*CEL**_****; Optical isolators, double protection type, rated 5000 Vac	cURus
			WALEX ELECTRONIC (WUXI) CO LTD (UL E154355)	T2	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			WALEX ELECTRONIC (WUXI) CO LTD (UL E154355)	T2A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			WALEX ELECTRONIC (WUXI) CO LTD (UL E154355)	T2B	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			WALEX ELECTRONIC (WUXI) CO LTD (UL E154355)	T4	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
			DONGGUAN HE TONG ELECTRONICS CO LTD (UL E243157)	CEM1	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DONGGUAN HE TONG ELECTRONICS CO LTD (UL E243157)	2V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DONGGUAN HE TONG ELECTRONICS CO LTD (UL E243157)	FR4	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			CHEERFUL ELECTRONIC (HK) LTD (UL E199724)	02	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			CHEERFUL ELECTRONIC (HK) LTD (UL E199724)	03	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			CHEERFUL ELECTRONIC (HK) LTD (UL E199724)	03A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DONGGUAN DAYSUN ELECTRONIC CO LTD (UL E251754)	DS2	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SUZHOU CITY YILIHUA ELECTRONICS CO LTD (UL E251781)	YLH-1	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DAFENG AREX ELECTRONICS TECHNOLOGY CO LTD. (UL E186016)	04V0	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
7	10	PCB	DAFENG AREX ELECTRONICS TECHNOLOGY CO LTD. (UL E186016)	03V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			DAFENG AREX ELECTRONICS TECHNOLOGY CO LTD. (UL E186016)	02V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			BRITE PLUS ELECTRONICS (SUZHOU) CO LTD (UL E177671)	DKV0-3A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			BRITE PLUS ELECTRONICS (SUZHOU) CO LTD (UL E177671)	DGV0-3A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			KUOTIANG ENT LTD (UL E227299)	C-2	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			KUOTIANG ENT LTD (UL E227299)	C-2A	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			PACIFIC WIN INDUSTRIAL LTD (UL E228070)	PW-02	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			PACIFIC WIN INDUSTRIAL LTD (UL E228070)	PW-03	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SHENZHEN TONGCHUANGXI N ELECTRONICS CO LTD (UL E250336)	TCX	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			YUANMAN PRINTED CIRCUIT CO LTD (UL E74757)	1V0	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SUZHOU XINKE ELECTRONICS CO LTD (UL E231590)	XK-2	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			SUZHOU XINKE ELECTRONICS CO LTD (UL E231590)	XK-3	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
			KUNSHAN CITY HUA SHENG CIRCUIT BOARD CO LTD (UL E229877)	HS-S	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			JIANGSU DIFEIDA ELECTRONICS CO LTD (UL E213009)	DFD-1	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			HUIZHOU SHUNJIA ELECTRONICS CO LTD (UL E320884)	SJ-B	Min. 1.6 mm thickness, min. V-0, 130°C	cURus
			Various	Various	Min. 1.6 mm thickness, min. V-0, 130°C, Fully comply with UL 796.	cURus
			KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD (UL E237831)	1015	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD (UL E237831)	1007	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD (UL E237831)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			ZHUANG SHAN CHUAN ELECTRICAL PRODUCTS (KUNSHAN) CO LTD (UL E333601)	1015	Min. 20 AWG, Min. 300V, Min. 80°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
5	11	Earthing wire for Class I models	ZHUANG SHAN CHUAN ELECTRICAL PRODUCTS (KUNSHAN) CO LTD (UL E333601)	1007	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			ZHUANG SHAN CHUAN ELECTRICAL PRODUCTS (KUNSHAN) CO LTD (UL E333601)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			DONGGUAN CHUANTAI WIRE PRODUCTS CO LTD (UL E315628)	1015	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			DONGGUAN CHUANTAI WIRE PRODUCTS CO LTD (UL E315628)	1007	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			DONGGUAN CHUANTAI WIRE PRODUCTS CO LTD (UL E315628)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			YONG HAO ELECTRICAL INDUSTRY CO LTD (UL E240426)	1015	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			YONG HAO ELECTRICAL INDUSTRY CO LTD (UL E240426)	1007	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			YONG HAO ELECTRICAL INDUSTRY CO LTD (UL E240426)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			DONGGUAN GUNEETAL WIRE & CABLE CO LTD (UL E204204)	1015	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			DONGGUAN GUNEETAL WIRE & CABLE CO LTD (UL E204204)	1007	Min. 20 AWG, Min. 300V, Min. 80°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
			DONGGUAN GUNEETAL WIRE & CABLE CO LTD (UL E204204)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			SHENG YU ENTERPRISE CO LTD (UL E219726)	1015	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			SHENG YU ENTERPRISE CO LTD (UL E219726)	1007	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			SHENG YU ENTERPRISE CO LTD (UL E219726)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			KUNSHAN XINGHONGMEN G ELECTRONIC CO LTD (UL E315421)	1015	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			KUNSHAN XINGHONGMEN G ELECTRONIC CO LTD (UL E315421)	1007	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			KUNSHAN XINGHONGMEN G ELECTRONIC CO LTD (UL E315421)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			SUZHOU YEMAO ELECTRONIC CO LTD (UL E353532)	1015	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			SUZHOU YEMAO ELECTRONIC CO LTD (UL E353532)	1007	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			SUZHOU YEMAO ELECTRONIC CO LTD (UL E353532)	1185	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1	cURus
			Various	Various	Min. 20 AWG, Min. 300V, Min. 80°C, VW-1; Fully comply with UL 758. Performance parameter shall be equal to 1015, 1007 or 1185.	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
5	12	Heat-shrinkable tubing	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD (UL E203950)	RSFR	600V, 125°C	cURus
			SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD (UL E203950)	RSFR-H	600V, 125°C	cURus
			SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD (UL E203950)	RSFR-HPF	600V, 125°C	cURus
			QIFURUI ELECTRONICS CO (UL E225897)	QFR-h	600V, 125°C	cURus
			DONGGUAN SALIPT CO LTD (UL E225897)	SALIPT S-901-300	Min. 300V, 125°C	cURus
			DONGGUAN SALIPT CO LTD (UL E225897)	SALIPT S-901-600	Min. 300V, 125°C	cURus
			GUANGZHOU KAIHENG ENTERPRISE GROUP (UL E214175)	K-2 (+)	Min. 300V, 125°C	cURus
			GUANGZHOU KAIHENG ENTERPRISE GROUP (UL E214175)	K-2 (CB)	Min. 300V, 125°C	cURus
			CHANGYUAN ELECTRONICS GROUP CO LTD (UL E180908)	CB-HFT	Min. 300V, 125°C	cURus
			FORMEX, DIV OF IL TOOL WORKS INC / FRMRLY FASTEX, DIV OF IL TOOL WORKS INC (UL E121855)	FORMEX GK series	V-0, min. 0.4 mm thickness, 115°C	cURus
			SICHUAN LONGHUA FILM CO LTD (UL E254551)	PP-WT-20	VTM-0, min. 0.4 mm thickness, 65°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
7	13	Insulating sheet (Optional)	SKC CO LTD (UL E74359)	SH71S	VTM-2, min. 0.4 mm thickness, 105°C	cURus
			TORAY INDUSTRIES INC FILM DIV (UL E86511)	Lumirror H10	VTM-2, min. 0.4 mm thickness, 105°C	cURus
			SABIC INNOVATIVE PLASTICS US L L C (UL E121562)	FR60 series	V-0, min. 0.4 mm thickness, 130°C	cURus
			SABIC INNOVATIVE PLASTICS US L L C (UL E121562)	FR63 series	V-0, min. 0.4 mm thickness, 130°C	cURus
			SABIC INNOVATIVE PLASTICS US L L C (UL E121562)	FR65 series	V-0, min. 0.4 mm thickness, 130°C	cURus
			SABIC INNOVATIVE PLASTICS US L L C (UL E121562)	FR7 series	V-0, min. 0.4 mm thickness, 130°C	cURus
			SABIC INNOVATIVE PLASTICS US L L C (UL E121562)	FR700 series	V-0, min. 0.4 mm thickness, 130°C	cURus
			SICHUAN LONGHUA FILM CO LTD (UL E254551)	PP-BK series	V-0, min. 0.4 mm thickness, 80°C	cURus
			SICHUAN LONGHUA FILM CO LTD (UL E254551)	PP-WT series	V-0, min. 0.4 mm thickness, 80°C	cURus
			ITW ELECTRONICS COMPONENTS/ PRODUCTS (SHANGHAI) CO LTD (UL E256266)	FORMEX-18	V-0, min. 0.4 mm thickness, 100°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
			ITW ELECTRONICS COMPONENTS/ PRODUCTS (SHANGHAI) CO LTD (UL E256266)	FORMEX-17	V-0, min. 0.4 mm thickness, 100°C	cURus
8	14	Transformer	GlobTek/ENG/ BOAM/ HAOPUWEI	TF038	For model GT*96300 series, output voltage range:5.0V-8.9V; Class B with insulation system below.	NR
				TF057	For model GT*96300 series, output voltage range:9.0V-11.9V; Class B with insulation system below.	NR
				TF039	For model GT*96300 series, output voltage range:12.0V-14.9V; Class B with insulation system below.	NR
				TF040	For model GT*96300 series, output voltage range:15.0V-24.0V; Class B with insulation system below.	NR
				TF041	For model GT*96300 series, output voltage range:24.1V-48.0V; Class B with insulation system below.	NR
				TF068	For model GT*96300 POE series, output voltage: 18V; Class B with insulation system below.	NR
				TF069	For model GT*96300 POE series, output voltage: 24V; Class B with insulation system below.	NR
				TF070	For model GT*96300 POE series, output voltage: 36V; 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
				TF071	For model GT*96300 POE series, output voltage: 48V; Class B with insulation system below.	NR
				TF051	For model GT*96300 POE series, output voltage: 54V, 56V; Class B with insulation system below.	NR
				GT-3005001	T1, for model GTM91128***-**** series with 5.0-7.5V for output 2, 3.2V-5.9V for output 1; Input: 100-240V~, 50-60Hz, 0.6A; Output: 3.2-14VDC, Max 36W; Class B with insulation system below.	NR
				GT-3012001	T1, for model GTM91128***-**** series with 7.6-12V for output 2, 6.0V-8.9V for output 1; Input: 100-240V~, 50-60Hz, 0.6A; Output: 3.2-14VDC, Max 36W; Class B with insulation system below.	NR
				GT-3015001	T1, for model GTM91128***-**** series with 12.1-14V for output 2, 9.0V-12.6V for output 1; Input: 100-240V~, 50-60Hz, 0.6A; Output: 3.2-14VDC, Max 36W; Class B with insulation system below.	NR
8	14a	Insulation system (Not shown)	GLOBTEK INC (UL E243347)	GTX-130-TM	Class B	cURus
			ENG ELECTRIC CO LTD (UL E308897)	ENG130-1	Class B	cURus
			SHAN DONG BOAM ELECTRIC CO LTD (UL E252329)	BOAM-01	Class B	cURus
			WUXI HAOPUWEI ELECTRONICS CO LTD (UL E315275)	ZT-130	Class B	cURus
			CHANG CHUN PLASTICS CO LTD (UL E59481)	T375J	V-0, 150°C, thickness 0.45 mm min.	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
47	14b	Bobbin	CHANG CHUN PLASTICS CO LTD (UL E59481)	T375HF	V-0, 150°C, thickness 0.45 mm min.	cURus
			CHANG CHUN PLASTICS CO LTD (UL E59481)	4130	V-0, 140°C, thickness 0.74 mm min.	cURus
			SUMITOMO BAKELITE CO LTD (UL E41429)	PM-9820	V-0, 150°C, thickness 0.45 mm min.	cURus
			HITACHI CHEMICAL CO LTD (UL E42956)	CP-J-8800	V-0, 150°C, thickness 0.45 mm min.	cURus
48	14c	Magnet wire	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD (UL E201757)	UEWN/U	MW28-C, 130°C	cURus
			PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD (UL E201757)	UEWS/U	MW75-C, 130°C	cURus
			JUNG SHING WIRE CO LTD (UL E174837)	UEW-4	MW75-C, 130°C	cURus
			JUNG SHING WIRE CO LTD (UL E174837)	UEY-2	MW28-C, 130°C	cURus
			JIANGSU HONGLIU MAGNET WIRE TECHNOLOGY CO LTD (UL E335065)	2UEW/130	MW75-C, 130°C	cURus
			CHANGZHOU DAYANG WIRE & CABLE CO LTD (UL E158909)	2UEW/130	MW75-C, 130°C	cURus
			WUXI JUFENG COMPOUND LINE CO LTD (UL E206882)	2UEWB	MW75#, 130°C	cURus
			JIANGSU DARTONG M & E CO LTD (UL E237377)	UEW	MW75-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
			SHANDONG SAINT ELECTRIC CO LTD (UL E194410)	UEW/130	MW75#, 130°C	cURus
			ZHEJIANG LANGLI ELECTRIC EQUIPMENTS CO LTD (UL E222214)	UEW	MW79#, 130°C	cURus
50	14d	Triple-insulated wire	GREAT LEOFLON INDUSTRIAL CO LTD (UL E211989)	TRW(B)	Reinforced Insulation, rated 130°C (Class B), 1.41 kVolts peak for Information Technology;	cURus
			COSMOLINK CO LTD (UL E213764)	TIW-M(B)	Reinforced Insulation, rated 130°C (Class B), 1.41 kVolts peak for Information Technology;	cURus
			FURUKAWA ELECTRIC CO LTD (UL E206440)	TEX-E	Reinforced Insulation, rated 130°C (Class B), 1.41 kVolts peak for Information Technology;	cURus
			TOTOKU ELECTRIC CO LTD (UL E166483)	TIW-2	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			E&B TECHNOLOGY CO LTD (UL E315265)	E&B-XXXB	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			E&B TECHNOLOGY CO LTD (UL E315265)	E&B-XXXB-1	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			SHENZHEN JIUDING NEW MATERIAL CO LTD (UL E357999)	DTFW-B	Reinforced Insulation, rated 130°C (Class B), 1.40 kVolts peak for Information Technology;	cURus
			3M COMPANY ELECTRICAL MARKETS DIV (EMD) (UL E17385)	1350F-1	130°C	cURus
			3M COMPANY ELECTRICAL MARKETS DIV (EMD) (UL E17385)	1350T-1	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
52	14e	Insulating tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD) (UL E17385)	44	130°C	cURus
			BONDTEC PACIFIC CO LTD (UL E175868)	370S	130°C	cURus
			JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD (UL E165111)	PZ	130°C	cURus
			JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD (UL E165111)	CT	130°C	cURus
			JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD (UL E165111)	WF	130°C	cURus
			JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD (UL E246950)	JY25-A	130°C	cURus
			CHANG SHU LIANG YI TAPE INDUSTRY CO LTD (UL E246820)	LY-XX	130°C	cURus
50	14f	PTFE tubing	GREAT HOLDING INDUSTRIAL CO (UL E156256)	TFT	300V, 200°C	cURus
			GREAT HOLDING INDUSTRIAL CO LTD (UL E156256)	TFS	600V, 200°C	cURus
			SHENZHEN WOER HEAT- SHRINKABLE MATERIAL CO LTD (UL E203950)	WF	600V, 200°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
1	15	Adhesive-Type Label (Not shown)	CHANGYUAN ELECTRONICS GROUP CO LTD (UL E180908)	CB-TT-T	300V, 200°C	cURus
			CHANGYUAN ELECTRONICS GROUP CO LTD (UL E180908)	CB-TT-S	600V, 200°C	cURus
			DONGGUAN XIANGQUAN PRINTING CO LTD (UL MH27594)	XQ03	Temperature range: -40~+80°C;	cURus
			FAN JA PAPER PRINTING CO LTD (UL MH19546)	FJ-03-3	Temperature range: -40~+80°C;	cURus
			FAN JA PAPER PRINTING CO LTD (UL MH19546)	FJ07	Temperature range: -40~+80°C;	cURus
			E-LIN ADHESIVE LABEL CO LTD (UL MH45549)	EL-15	Temperature range: -40~+80°C;	cURus
			DONGGUAN CORWIN PRINTING CO., LTD. (UL MH47077)	CW-01	Temperature range: -40~+80°C;	cURus
			YUEN CHANG SPECIAL PRINTING (SHENZHEN) CO LTD (UL MH29752)	JL-08	Temperature range: 0~+80°C;	cURus
			GlobTek	Various	Permanently secured Engraving or Silkscreen or Laser printing	NR
			Various	Various	Temperature range: min. -40 ~+80°C; Certified according UL 969.	cETLus cULus cCSAus
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, 2.5 mm minimum spacing are maintained through air and 2.5 mm minimum spacing are maintained over surfaces of insulating material between current-carrying parts of opposite polarity and 6.5 mm minimum spacing are maintained through air and 6.5 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 - For adapter models, all uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings and metal enclosure earthed with ventilation holes other than those specifically described in Sections 4 and 5.
5. Grounding - 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.
6. Polarized Connection - This product is provided with a polarized power supply connection. All fuses are connected only to the ungrounded supply circuit conductor.
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 points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. UL approved wiring is used as secondary output lead wire of SELV circuits.
8. Schematics - Refer to Illustration No. 2a to 2d for schematics requiring verification during Field Representative Inspection Audits.
9. Markings - The product is marked (on a labeling system as described in item no. 15 of Section 4.0 or by molding into polymeric enclosure) as follows: manufacturer's name, trademark, model number, date of manufacturer, electrical ratings. Refer to Illustration No. 4a for details.
10. Cautionary Markings - The following are required: refer to Illustration 4b for details.
11. Transformer - Supplier records must be provided that indicate the received shipment of transformers (section 4.0, item 14) was constructed as indicated in Illustration No. 5a and 5b. These records must be available at the factory for inspection on every received shipment.
12. PCB layout - Refer to Illustration No. 3a to 3e for PCB layout requiring verification during Field Representative Inspection Audits.
13. Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. They are kept in file and need not be repeated here.

7.0 Illustrations

Illustration 1 - Model list

GT*96300-***-T2/T2A/T3/T3A/R2/R3A* Desktop models

Model	Output Voltage	Max. output current	Max. output power
GT*96300-*07.5*-T2/T2A/T3/T3A/R2/R3A*	5-7.5V	4.5A	22.5W
GT*96300-*10.5*-T2/T2A/T3/T3A/R2/R3A*	7.6-9V	3.94A	30W
GT*96300-*10.5*-T2/T2A/T3/T3A/R2/R3A*	9.1-10.5V	3.95A	36W
GT*96300-*14.5*-T2/T2A/T3/T3A/R2/R3A*	10.6-14.5V	3.39A	36W
GT*96300-*19.5*-T2/T2A/T3/T3A/R2/R3A*	14.6-19.5V	2.46A	36W
GT*96300-*24*-T2/T2A/T3/T3A/R2/R3A*	19.6-24V	1.83A	36W
GT*96300-*36*-T2/T2A/T3/T3A/R2/R3A*	24.1-36V	1.49A	36W
GT*96300-*48*-T2/T2A/T3/T3A/R2/R3A*	36.1-48V	0.99A	36W

GT*96300-***-T2/T2A/T3/T3A/R2/R3A-AP/PP/SP

Model	Output Voltage	Max. output current	Max. output power
GT-96300-*19.5-1.5-T2/T2A/T3/T3A/R2/R3A-AP/PP/SP*	18V	2A	36W
GT-96300-*24-T2/T2A/T3/T3A/R2/R3A-AP/PP/SP*	24V	1.5A	36W
GT-96300-*36-T2/T2A/T3/T3A/R2/R3A-AP/PP/SP*	36V	1A	36W
GT-96300-*48-T2/T2A/T3/T3A/R2/R3A-AP/PP/SP*	48V	0.75A	36W
GT-96300-*54-T2/T2A/T3/T3A/R2/R3A-AP/PP/SP*	54V	0.66A	36W
GT-96300-*56-T2/T2A/T3/T3A/R2/R3A-AP/PP/SP*	56V	0.64A	36W

GTM91128***-**** series:

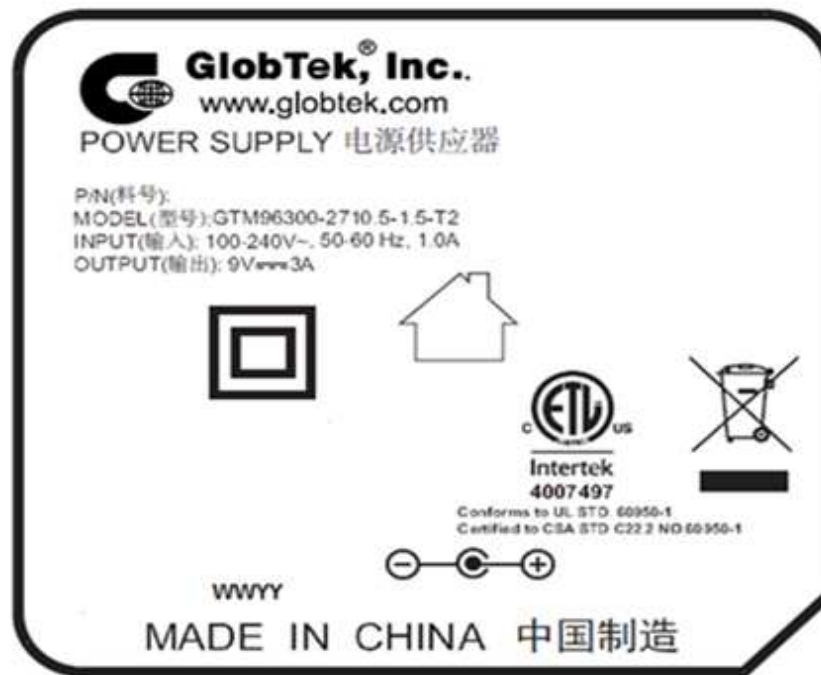
Model	Output Voltage No.1 (Vdc)	Output Current No.1 (A)	Max. Output Power No.1 (W)	Output Voltage No.2 (Vdc)	Max. Output Current No.2 (A)	Max. Output Power No.2 (W)	Max. Combined Output Power (W)
GTM91128LI*CEL*-*	4.2	2	8.4	N/A	N/A	N/A	N/A
	8.4	1.6	13.44	N/A	N/A	N/A	N/A
	12.6	1.4	17.64	N/A	N/A	N/A	N/A
GTM91128LI*CEL*-*	4.2	1.8	7.56	5-7.5	3.6	18	20
	8.4	1.4	1.76	9.5-12	2.3	21.85	25
	12.6	1.2	15.12	14	1.9	26.6	30

GTM91128LI*CEL*-* series:

Model	Output Voltage No.1 (Vdc)	Output Current No.1 (A)	Max. Output Power No.1 (W)	Output Voltage No.2 (Vdc)	Max. Output Current No.2 (A)	Max. Output Power No.2 (W)	Max. Combined Output Power (W)
GTM91128*CHRG*-*	3.2-5.9	2	8.4	N/A	N/A	N/A	N/A
	6.0-8.9	1.6	13.44	N/A	N/A	N/A	N/A
	9.0-12.6	1.4	17.64	N/A	N/A	N/A	N/A
GTM91128*DUALC*-*	3.2-5.9	1.8	7.56	5-7.5	3.6	18	20
	6.0-8.9	1.4	12.46	9.5-12	2.3	21.85	25
	9.0-12.6	1.2	15.12	14	1.9	26.6	30

7.0 Illustrations

Illustration 4a - Marking



Note:

1. The marking plates of the other models listed in this report are identical except model name and output parameter.
2. The date code of manufacturing is presented as WWYY, YY = manufacturing year, WW = the week of the manufacturing year, e.g. 0216 = The second week of 2016.
3. The above markings are the minimum requirements required by the safety standard. For the final production samples, the additional markings which do not give rise to misunderstanding may be added.

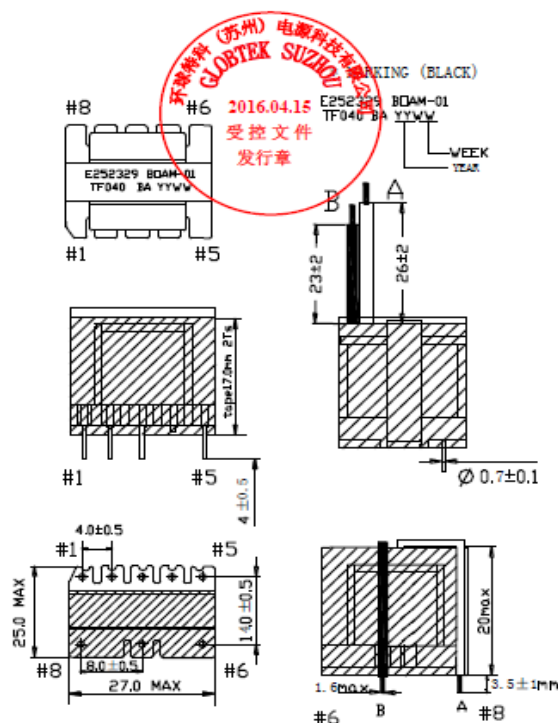
Illustration 4b - Cautionary Marking



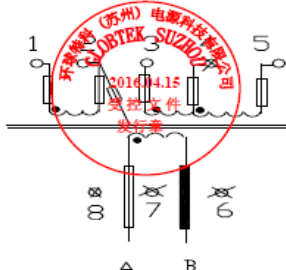
7.0 Illustrations

Illustration 5a - Transformer TF040

DIMENSION(mm)



EQUIVALENT CIRCUIT (BOTTOM VIEW)



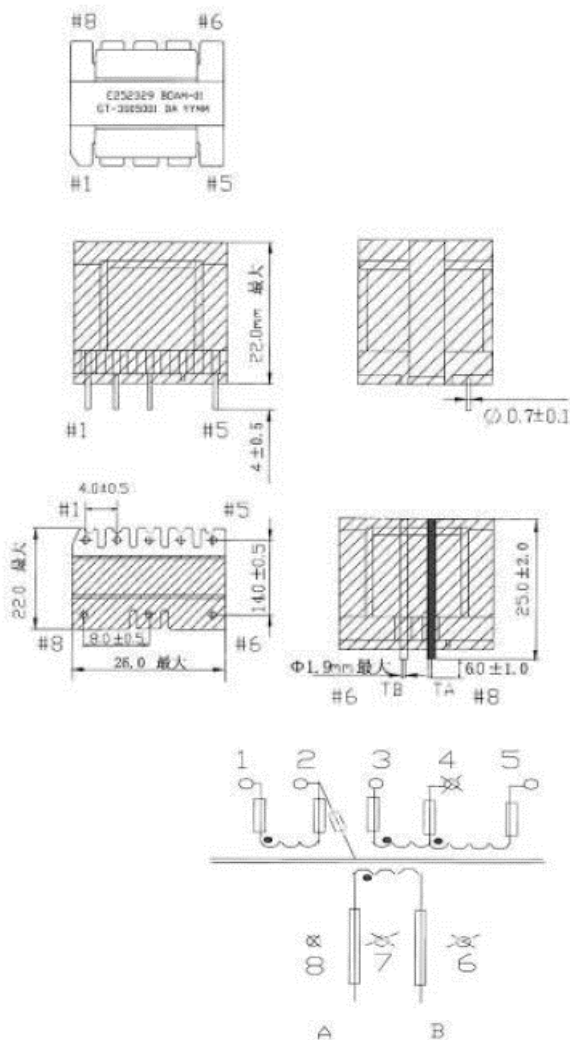
- * THE "●" MARKS ARE START POINT
- *REMOVE PIN #6, 7, 8
- *CUTTING PIN PIN4 剪去 2/3, 不能超出骨架挡板
- * ALL TEFLON TUBE (A: WHITE; B: BLACK)

WINDING SPECIFICATION

NO	PIN NO. (S-F) S:START, F:FINISH	WIRE	TURNS	WINDING METHOD
W1	(3)---(4)	2UEW $\phi=0.35$	40	SOLENOID WINDING
INSULATION: POLYESTER TAPE $t=0.025mm$, $w=9.0mm$, 1Ts				
W2	(1)---(2)	2UEW $\phi=0.20*3$	12	SOLENOID WINDING
INSULATION: BROWN TAPE $t=0.025mm$, $w=9.0mm$, 2Ts				
W3	(A)---(B)	TEX-E $\phi=0.30$	17	SOLENOID WINDING
INSULATION: POLYESTER TAPE $t=0.025mm$, $w=9.0mm$, 2 Ts				
W4	---(2)	0.05/7.0mm COPER+TAPE	0.9	CENTER
INSULATION: POLYESTER TAPE $t=0.025mm$, $w=9.0mm$, 2Ts TAPE: 0.025 $\times$ 10.0				
W5	(4)---(5)	2UEW $\phi=0.35$	20	SOLENOID WINDING
INSULATION: POLYESTER TAPE $t=0.025mm$, $w=9.0mm$, 3Ts				
CORE FIXING: POLYESTER TAPE $t=0.025mm$, $w=8.5mm$, 3Ts				
CORE TAPE: 2LAYER POLYESTER TAPE $t=0.025mm$, $w=28.0mm$ LENGTH: 45mm				
INSULATION: BROWN TAPE $t=0.05mm$, $w=17.0mm$, 2LAYER				

7.0 Illustrations

Illustration 5b - Transformer GT-3005001



* THE "λ" MARKS ARE START POINT

* REMOVE PIN #6, 7, 8

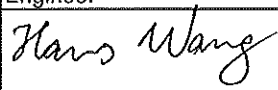
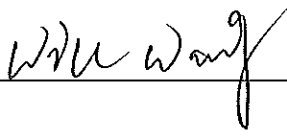
* CUTTING PIN #4

* ALL TEFLON TUBE (A: BLACK; B: WHITE)

NO	PIN NO. (S-F) S: START, F: FINISH	WIRE	TURNS	WINDING METHOD
W1	(3)-(4)	2UEW Φ0.35	40	SOLENOID WINDING
INSULATION: POLYESTER TAPE t= 0.025mm, w=9.0mm, 1Ts				
W2	(1)-(2)	2UEW Φ0.19*3	13	SOLENOID WINDING
INSULATION: BROWN TAPE t= 0.025mm, w=9.0mm, 2Ts				
W3	(A)-(B)	TEX-E 0.45*4	5	SOLENOID WINDING
INSULATION: POLYESTER TAPE t= 0.025mm, w=9.0mm, 2 Ts				
W4	-(2)	0.05/5.0 mm, COPER+TAPE	0.9	CENTER
INSULATION: POLYESTER TAPE t= 0.025mm, w=9.0mm, 2Ts TAPE: 0.025×10.0				
W5	(4)-(5)	2UEW Φ0.35	20	SOLENOID WINDING
INSULATION: POLYESTER TAPE t= 0.025mm, w=9.0mm, 2Ts				
CORE FIXING: POLYESTER TAPE t= 0.025mm, w=8.5mm, 3Ts				
CORE TAPE: 2LAYER POLYESTER TAPE t= 0.025mm, w=28.0mm, LENGTH: 45mm				
INSULATION: BROWN TAPE t= 0.05mm, w=17.0mm, 2LAYER				

8.0 Test Summary					
Evaluation Period	18-Nov-2015 to 25-May-2016			Project No.	151100937SHA
Sample Rec. Date	18-Nov-2015	Condition	Prototype	Sample ID.	0151118-03-001~045
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:					
			Standard for Safety for Information Technology Equipment Safety Part 1: General Requirements: UL 60950-1 Issued: 2007/03/27 Ed: 2 Rev: 2014/10/14 & CSA C22.2 No. 60950-1 Issued: 2007/03/27 Ed: 2 (R2012) Amd. 1: 2011, Amd. 2: 2014		
Test Description			Clause		
Input test			1.6.2		
Marking test			1.7.11		
Finger test			2.1.1.1 b)		
Pin test			2.1.1.1 c)		
Energy hazards test			2.1.1.5		
Capacitor discharging test			2.1.1.7		
Voltage under normal conditions test			2.2.2		
Voltage under fault conditions test			2.2.3		
TNV circuits			2.3		
Limited current circuits test			2.4		
Limited power sources test			2.5		
Humidity condition test			2.9.2		
Determination of working voltage test			2.10.2		
Clearances measurement			2.10.3		
Creepage distances measurement			2.10.4		
Solid insulation measurement			2.10.5		
Steady force test, 10N			4.2.2		
Steady force test, 250N			4.2.4		
Drop test			4.2.6		
Stress relief test			4.2.7		
Strain on socket-outlet test			4.3.6		
Temperature tests			4.5.2		
Resistance to abnormal heat			4.5.5		
Touch current test			5.1		
Electric strength test			5.2		
Abnormal operating and fault conditions test			5.3		

8.0 Test Summary					
Evaluation Period	18-May-2018 to 25-Nov-2018			Project No.	180501710SHA
Sample Rec. Date	10-May-2018	Condition	Prototype	Sample ID.	0180510-19-001 to 018
Test Location	Intertek Testing Services Shanghai Limited				
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			Information Technology Equipment Safety Part 1: General Requirements >Valid without technical revision 20Dec2020< [UL 60950-1:2007 Ed.2+R:14Oct2014]		
			Information Technology Equipment Safety Part 1: General Requirements (R2016) >Valid without technical revision: 20Dec2020< [CSA C22.2#60950-1:2007 Ed.2+A1;A2]		
			Clause		
Input test			1.6.2		
Marking test			1.7.11		
Finger test			2.1.1.1 b)		
Pin test			2.1.1.1 c)		
Energy hazards test			2.1.1.5		
Capacitor discharging test			2.1.1.7		
Voltage under normal conditions test			2.2.2		
Voltage under fault conditions test			2.2.3		
Limited current circuits test			2.4		
Limited power sources test			2.5		
Humidity condition test			2.9.2		
Determination of working voltage test			2.10.2		
Clearances measurement			2.10.3		
Creepage distances measurement			2.10.4		
Solid insulation measurement			2.10.5		
Steady force test, 10N			4.2.2		
Steady force test, 250N			4.2.4		
Drop test			4.2.6		
Stress relief test			4.2.7		
Temperature tests			4.5.2		
Resistance to abnormal heat			4.5.5		
Touch current test			5.1		
Electric strength test			5.2		
Abnormal operating and fault conditions test			5.3		

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:	Hans Wang	Reviewed by:	Will Wang
Title:	Engineer	Title:	Supervisor
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	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 issue 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.

Note to Intertek Follow Up Inspector: The Component Evaluation Center, CEC, will notify you in writing when these components must be selected and sent to the CEC for re-evaluation

Ship the samples to:

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 14:

Between primary circuit and secondary output

Test Voltage

3000 Vac

Test Time

1 min

Between secondary circuit and core

3000 Vac

1 min

Product- 100% of production of the products covered by this Report:

Between primary circuit and secondary output

Test Voltage

3000 Vac

Test Time

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
13-Feb-2019	Hans Wang <i>Hans Wang</i>	1	-	Updated the UL 60950-1 standard format from "Information Technology Equipment Safety Part 1: General Requirements (UL 60950-1 Issued: 2007/03/27 Ed: 2 Rev: 2014/10/14)" to "Information Technology Equipment Safety Part 1: General Requirements >Valid without technical revision: 20Dec2020< [UL 60950-1:2007 Ed.2+R:14Oct2014]" Updated the CSA C22.2 No. 60950-1 standard format from "Information Technology Equipment Safety Part 1: General Requirements (CSA C22.2 No. 60950-1 Issued: 2007/03/27 Ed: 2 (R2012) Amd. 1: 2011, Amd. 2: 2014)" to "Information Technology Equipment Safety Part 1: General Requirements (R2016) >Valid without technical revision: 20Dec2020< [CSA C22.2#60950-1:2007 Ed.2+A1;A2]" After evaluation, no test needed to the standards for model GT*96300 series.
180501710SHA	Will Wang <i>Will Wang</i>	2	-	Modified the model name from "GT*96300-***** (where * in the model name are letters or numbers or blank)" to "GT followed by M, - or H; followed by 96300-; followed by 01 to 36; followed by 07.5, 10.5, 14.5, 19.5, 24, 36, 48, 54 or 56; may be followed by -0.01 to -11.90; followed by -T2, -T2A, -T3, -T3A, -R2 or -R3A; may be followed by -AP, -PP or -SP; may be followed by six characters." After evaluation, no test needed to the standards for model GT*96300 series. Added new models "GTM91128LI followed by 1, 2 or 3; followed by CEL; may be followed by M; may be followed by -R2, -T2 or -T2A; followed by -042, -084 or -126; followed by 01 to 20; may be followed by 050 to 180; may be followed by 01 to 36." and "GTM91128 followed by two characters; followed by CHRGE or DUALC; may be followed by -R2, -T2 or -T2A; followed by -042, -084 or -126; followed by 01 to 20; may be followed by 050 to 180; may be followed by 01 to 36."
		2	-	Added model Similarity for GTM91128LI and GTM91128 series.
		2	-	Added rated input current for GTM91128LI and GTM91128 series.
		3	12-54	Added photos for the new models.
		3	3	Added a callout for fuse F2.
		4	1, 3-13, 14a-14f, 15, 16	Added UL file number in Manufacturer/trademark column.
		4	4	Deleted Fuse model ICP of EVER ISLAND ELECTRIC CO LTD & WALTER ELECTRIC.
		4	4	Deleted Fuse model 385T series of DAS & SONS INTERNATIONAL LTD.
		4	8	Deleted Y capacitor model JX of JERRO ELECTRONICS CORP.

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
		4	1, 4, 6-9, 14	Moved position number of component to Technical data and securement means.
		4	4	Added rating of fuse for new models.
		4	4	Added position number of photo coupler for new models.
		4	2	Added FLAME RATINGS in Technical data and securement means for output cord. Added "Fully comply with ANSI/UL 758;" in Technical data and securement means of various type of Output cord.
		4	5	Removed bridging resistor.
		4	10	Added new PCB model 03V0 of DAFENG AREX ELECTRONICS TECHNOLOGY CO LTD.
		4	11	Added FLAME RATINGS in Technical data and securement means for Earthing wire for Class I models. Added "Fully comply with ANSI/UL 758; Performance parameter shall be equal to 1015, 1007 or 1185." in Technical data and securement means of various type of Earthing wire for Class I models.
		4	13	Changed the manufacturer name of insulating sheet from "MIANYANG LONGHUA FILM CO LTD" to "SICHUAN LONGHUA FILM CO LTD"
		4	14d	Deleted Triple-insulated wire model CB-TIW of CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD.
		4	14d	Changed Triple-insulated wire model DTIW-B of SHENZHEN JIUDING NEW MATERIAL CO LTD to DTFW-B
		4	12, 14f	Changed manufacturer name of "CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD" to "CHANGYUAN ELECTRONICS GROUP CO LTD"
		4	15	Changed manufacturer name of "SHENZHEN CORWIN PRINTING CO LTD" to "DONGGUAN CORWIN PRINTING CO., LTD."
		4	16	Added information for fuse F2.
		6	9	Added marking's material information.
		6	11	Added requirement about supplier records of transformer.
		6	12	Added PCB layout information.
		7	2c, 2d	Added Schematics for model GTM91128 and GTM91128LI series.
		7	3c-3e	Added PCB layout for model GTM91128 and GTM91128LI series.
		7	4a	Removed unrelated logo in marking label.
		7	4b	Listed the cautionary marking separately.
		7	5a, 5b	Added transformers' specification.
		8	-	Added test items for model GTM91128 and GTM91128LI series. After evaluation, no test needed to the standards for model GT*96300 series.
		8	1	Changed the engineer.
		11	1	Added Manufacturing and Production Tests for transformer.