


1.0 Reference and Address			
Report Number	220500287SHA-001	Original Issued:	18-Oct-2022
		Revised:	None
Standard(s)	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance [ANSI/AAMI ES60601-1:2005+A1;A2]		
	Medical Electrical Equipment - Part 1: General Requirements for Basic Safety and Essential Performance [CSA C22.2#60601-1:2014 Ed.3+A2]		
	Medical Electrical Equipment – Part 1-6: General Requirements for Basic Safety and Essential Performance – Collateral Standard: Usability [IEC 60601-1-6:2010 Ed.3+A1;A2]		
	Medical Electrical Equipment – Part 1–11: General Requirements for Basic Safety and Essential Performance – Collateral Standard: Requirements for Medical Electrical Equipment and Medical Electrical Systems Used in the Home Healthcare Environment [IEC 60601-1-11:2015 Ed.2+A1]		
Applicant	GlobTek, Inc.	Manufacturer	GlobTek (Suzhou) Co., Ltd.
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Country	USA	Country	China
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2.0 Product Description	
Product	Medical Power Supply
Brand name	GlobTek  GlobTek, Inc.
Description	<p>Product covered by this report is medical power supply module.</p> <p>Desktop power supplies are provided with suitable external enclosure. The top and bottom parts of the enclosure are ultrasonic welded.</p> <p>Open frame power supplies are without external enclosure. The external enclosure will be provided within the end product.</p> <p>The products were tested to be suitable for connection to ≤ 16 A (IEC) and ≤ 20 A (USA) branch circuit in series. The unit is approved for TN mains star connections. The unit provides internally two fuses.</p> <p>The power supplies are rated class I or class II or class II units may have an optional functional earth connection. Open frame and encapsulated class I power supplies shall be properly bonded to the main protective bonding termination in the end product.</p> <p>All the types are designed for continuous operation.</p> <p>The following components were not equipped on Model GTM96600-6019-T3 (Class II with FE):</p> <p>Components on Primary circuit: R16B, C10, R1, R3</p> <p>Components on Secondary circuit: R21, R22, C13, R24, C18, D6, C11, C12, R23, U2</p> <p>For GTM96600 series, L1 is a jump wire.</p> <p>Operation Temperature: Max. +40°C</p> <p>Altitude up to 4000m for GTM91099 series.</p> <p>Altitude up to 5000m for GTM96600 series.</p> <p>Label required markings are laser permanently marked to Enclosure for GTM96600 series.</p>
Models	<p>GTM91099-followed by 01 to 60; followed by 09, 15, 24 or 48; may be followed by -0.01 to -23.9; followed by -T2, -T2A, -T3, -T3A, -F, -FW, -P2 or -P3; may be followed by six characters.</p> <p>GT-91099-followed by 01 to 60; followed by 09, 15, 24 or 48; may be followed by -0.01 to -23.9; followed by -T2, -T2A, -T3, -T3A, -F, -FW, -P2 or -P3; may be followed by six characters.</p> <p>GTM96600- followed by 01 to 65; followed by 05 to 54 or 5.0 to 54.0; followed by -T2, -T2A, -T3, -T3A, -T2L, -T2AL, T3L, -T3AL, -R2, -R3A, -F, -FW, -P2, -P3, -TP, -TP3, -TW or -TW3; may be followed by six characters.</p> <p>GT-96600- followed by 01 to 65; followed by 05 to 54 or 5.0 to 54.0; followed by -T2, -T2A, -T3, -T3A, -T2L, -T2AL, T3L, -T3AL, -R2, -R3A, -F, -FW, -P2, -P3, -TP, -TP3, -TW or -TW3; may be followed by six characters.</p> <p>GTM96600-followed by 01 to 70; followed by 56; followed by -T2, -T2A, -T3, -T3A; followed by -AP, -PP, -SP; may be followed by six characters.</p> <p>GT-96600-followed by 01 to 70; followed by 56; followed by -T2, -T2A, -T3, -T3A; followed by -AP, -PP, -SP; may be followed by six characters.</p>

2.0 Product Description	
Ratings	<p>GT*91099-***-**: Input: 1.5A, 100-240V~, 50-60Hz; Output: 5-48VDC, Max. 60W</p> <p>GT*96600-***-**: Input: 1.5A, 100-240V~, 50-60Hz; Output: 5-54VDC, Max. 65W</p> <p>GT*96600-*56***: Input: 2.0A, 100-240V~, 50-60Hz; Output: 56VDC, Max. 70W</p>
Other Ratings	<p>For models GTM96600-2005-R2 / GTM96600-2005-R3A: output 5VDC, 4.0A at Tma=70 Deg.C;</p> <p>For models GTM96600-2412-R2 / GTM96600-2412-R3A: output 12VDC, 2.0A at Tma=70 Deg.C;</p> <p>For models GTM96600-2436-R2 / GTM96600-2436-R3A: output 36VDC, 0.66A at Tma=70 Deg.C;</p> <p>For models GTM96600-2448-R2 / GTM96600-2448-R3A: output 48VDC, 0.5A at Tma=70 Deg.C;</p> <p>For models GTM96600-2454-R2 / GTM96600-2454-R3A: output 54VDC, 0.44A at Tma=70 Deg.C;</p> <p>For models GT-96600-7056-T3-AP/ GT-96600-7056-T2-AP: output 56VDC, 1.25A at Tma=40 Deg.C;</p>
Conditions of Acceptability	<p>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.</p> <p>Scope of Power Supply evaluation defers the following clauses to be determined as part of the end product investigation:</p> <ul style="list-style-type: none"> •Clause 7.5 (Safety Signs), •Clause 7.9 (Accompanying Documents), •Clause 9 (ME Hazard), except 9.1 and 9.3 are evaluated, •Clause 10 (Radiation), •Clause 11.7 (Biocompatibility), •Clause 14 (PEMS), •Clause 16 (ME Systems) •Clause 17 (EMC) •Usability was excluded from this investigation. <p>For open frame model</p> <ul style="list-style-type: none"> • Suitability of the enclosure should be evaluated when installed in the end product including access to energized parts, clearance & creepage distance measurement and mechanical strength. • Temperature Testing should be performed on this component when installed in the end product. <p>For Class II with functional earth models, since primary part to functional earth only provided 1MOPP, end product accessible metal part should not connect to functional earth circuits or DC output return circuits, meanwhile FIXED ME EQUIPMENT and PERMANENTLY INSTALLED MEDICAL EQUIPMENT shall not use Class II and Class II with functional earth models in US deviation</p>

3.0 Product Photographs

Photo 1 - External view for GTM96600 series

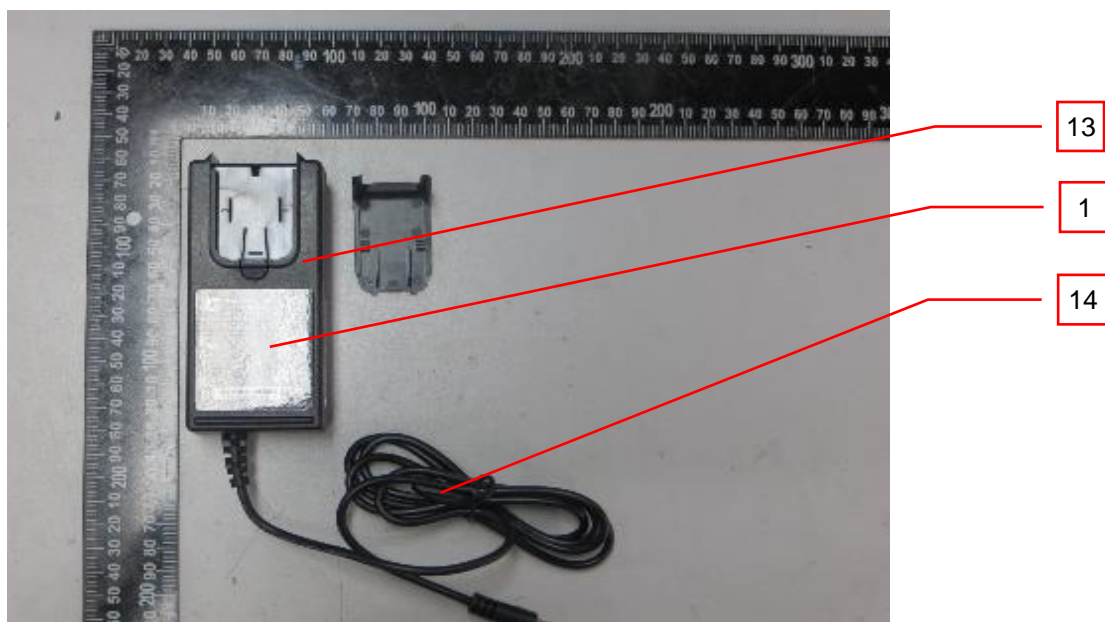
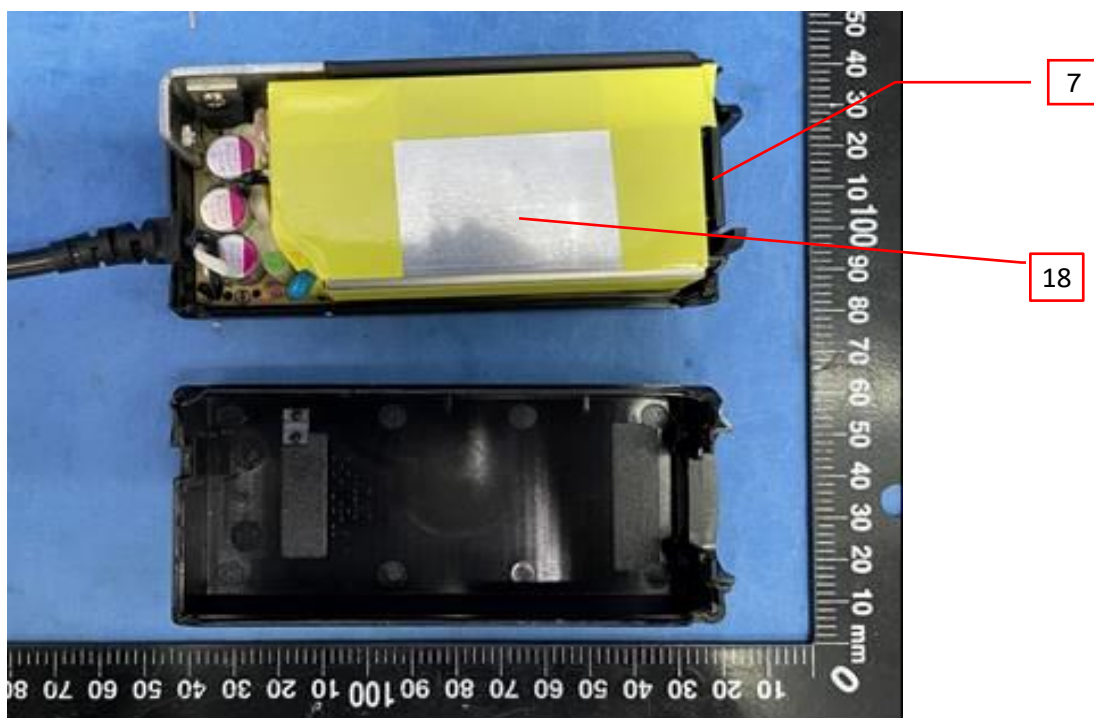


Photo 2 - Internal view for GTM96600 series (Class I)



3.0 Product Photographs

Photo 3 - PCB for GTM96600 series (Class I)

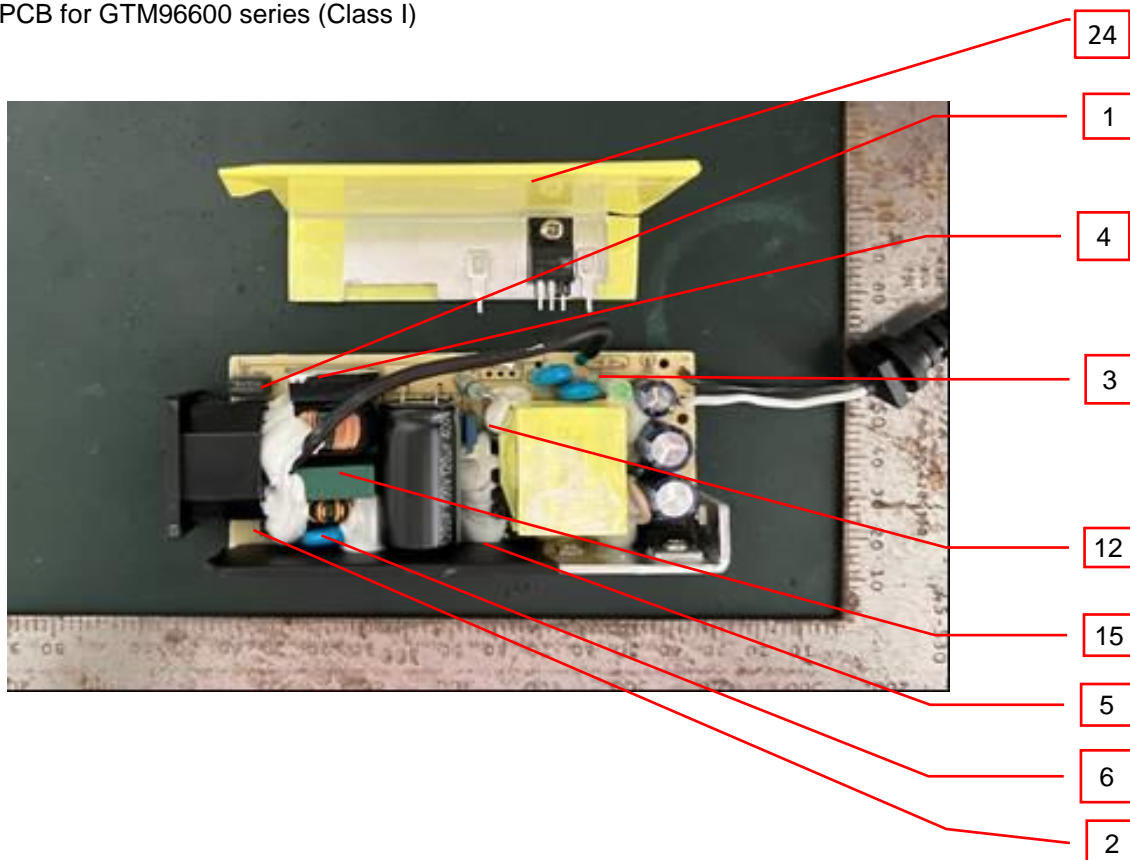
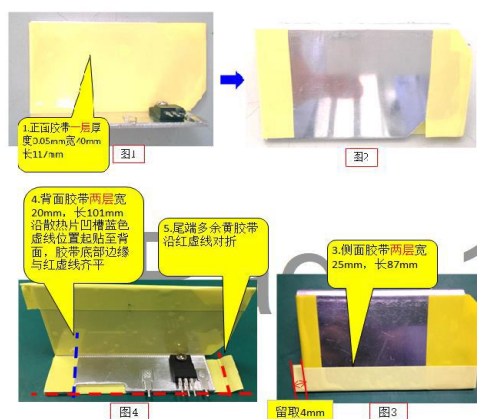
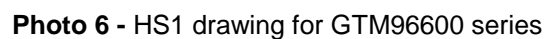


Photo 4 - External view for GTM96600 series (Class II)



Photo 5 - PCB for GTM96600 series (Class II)



3.0 Product Photographs

Photo 7 - HS2 drawing for GTM91099 series

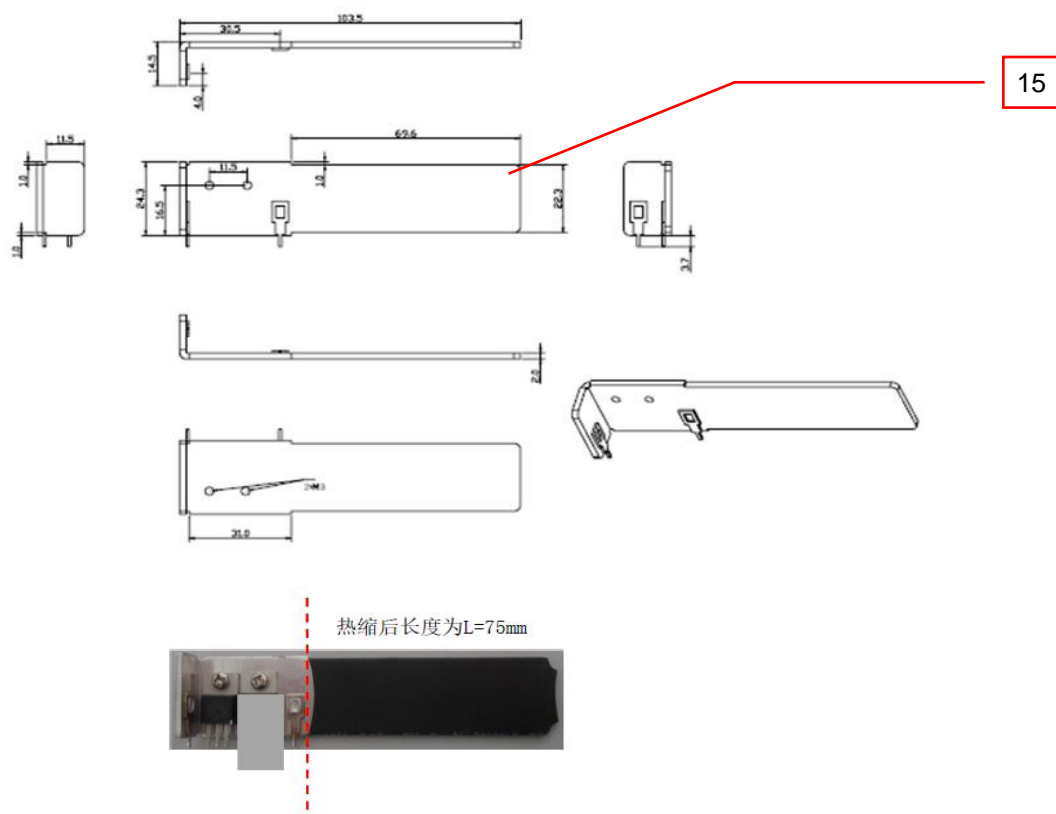


Photo 8 - External view for GTM96600 series (Class I)



3.0 Product Photographs

Photo 9- PCB for GTM96600 series (Class I)

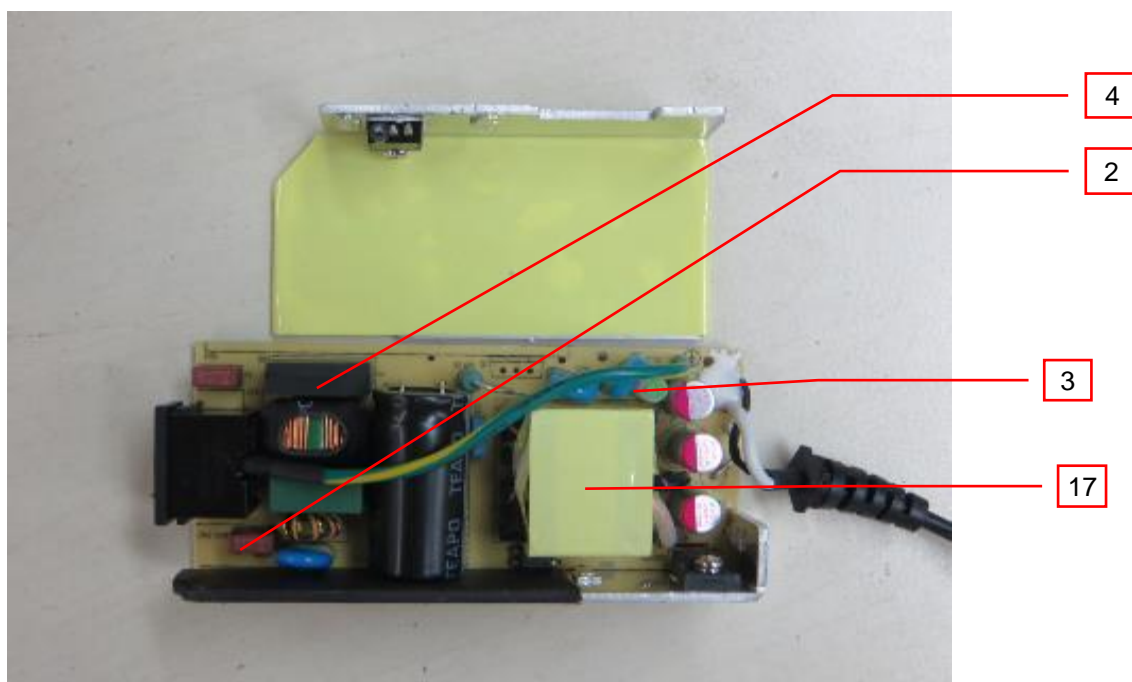
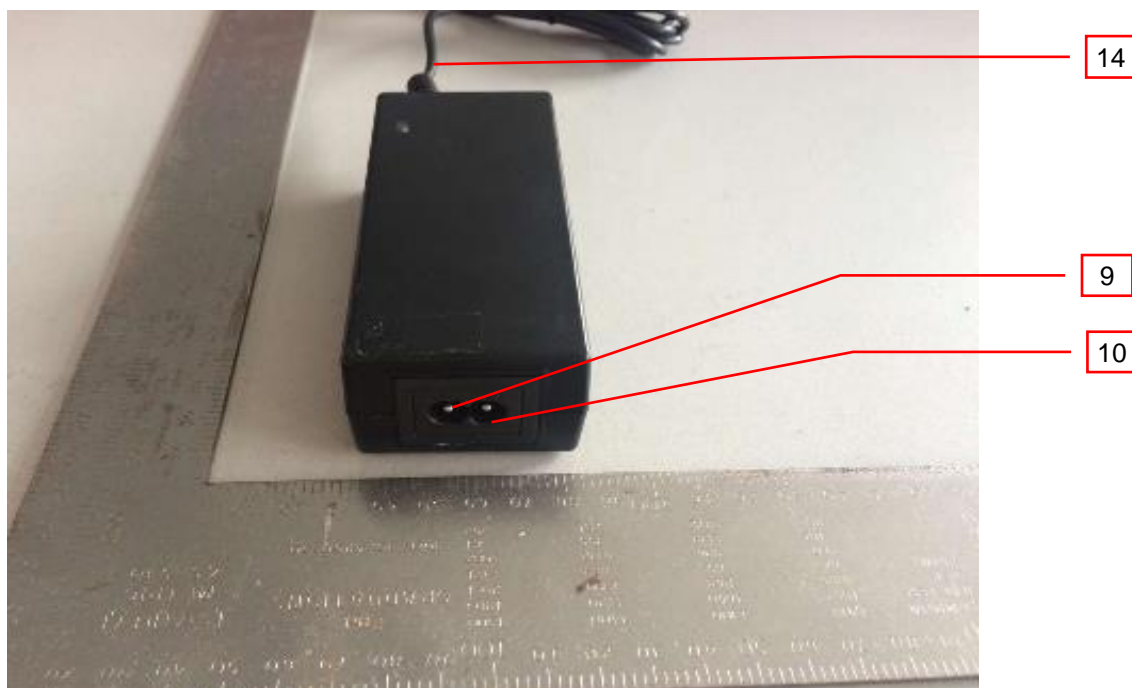


Photo 10 - External view for GTM91099 series (Class II)



3.0 Product Photographs

Photo 11 - PCB for GTM91099 series (Class II)

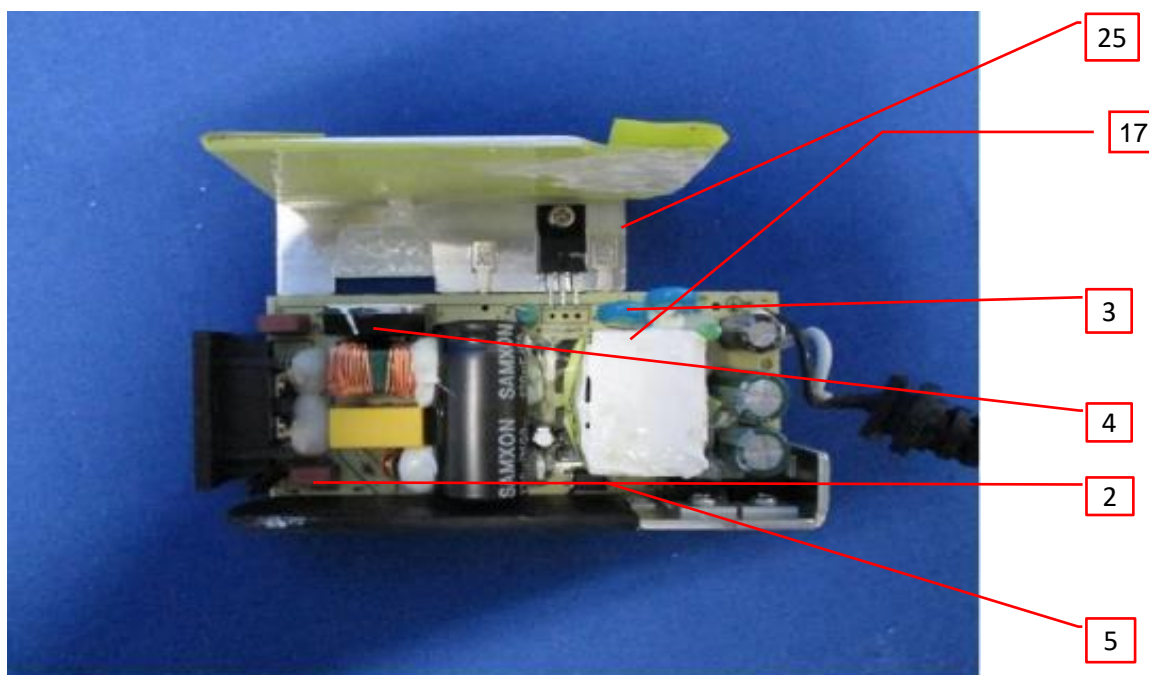


Photo 12- External view for GTM91099 series (Encapsulated)



3.0 Product Photographs

Photo 13 - Internal view for GTM91099 series (Encapsulated)

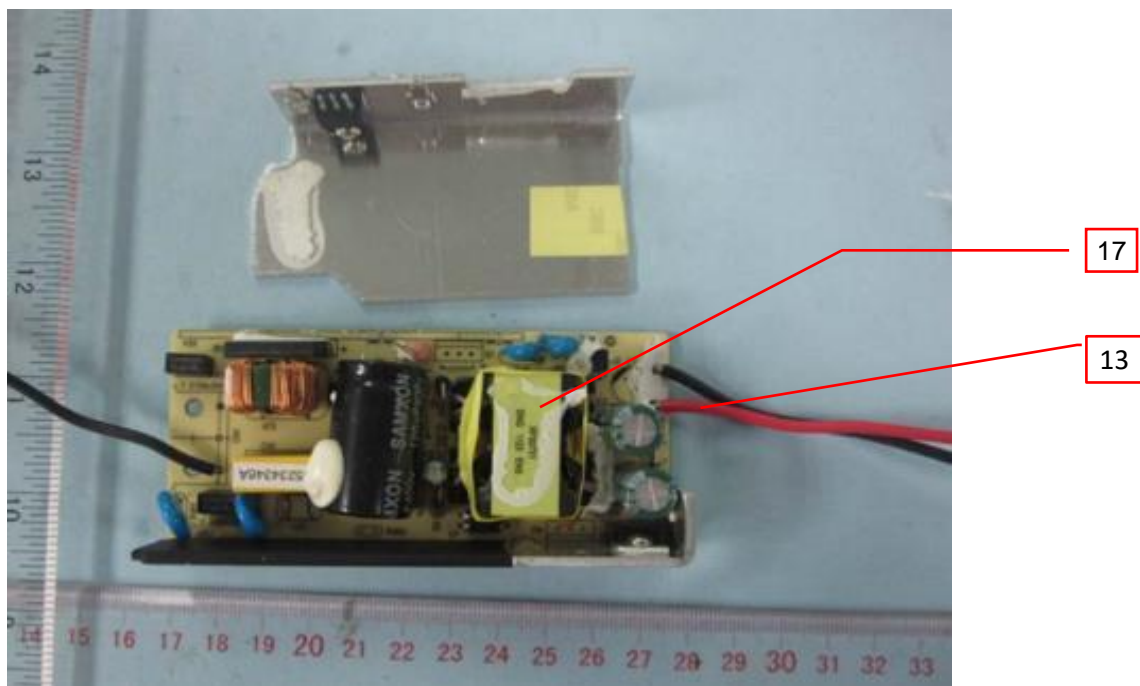


Photo 14 - Internal view for GTM91099 series (Encapsulated)



3.0 Product Photographs

Photo 15 - Internal view for GTM91099 series (open frame)

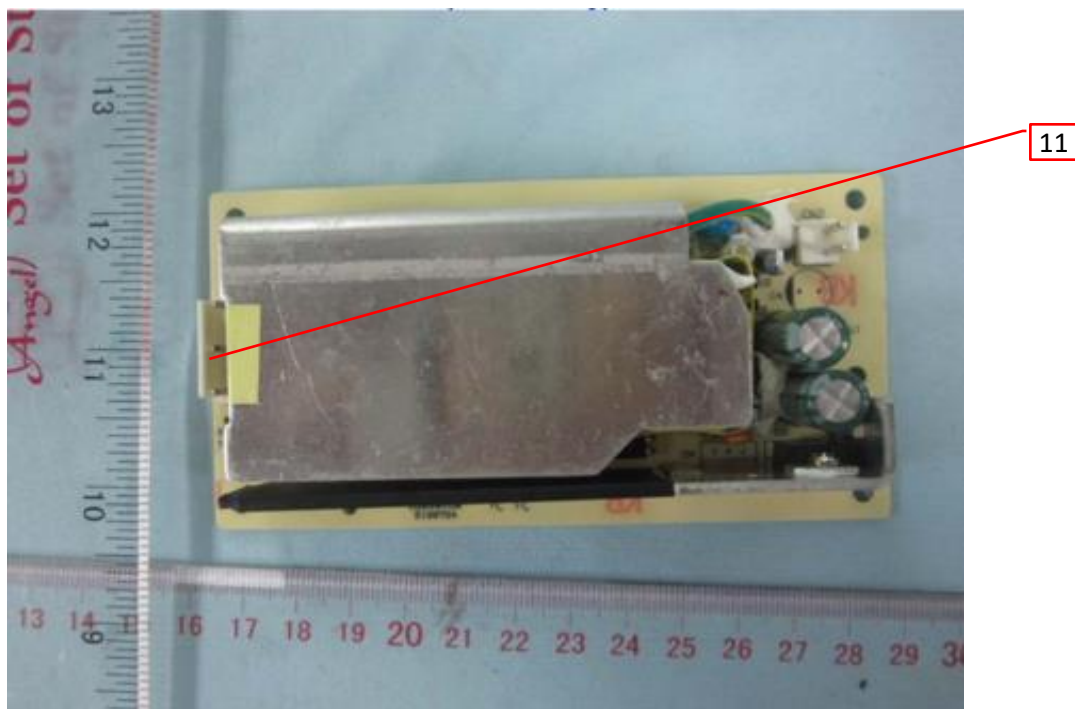
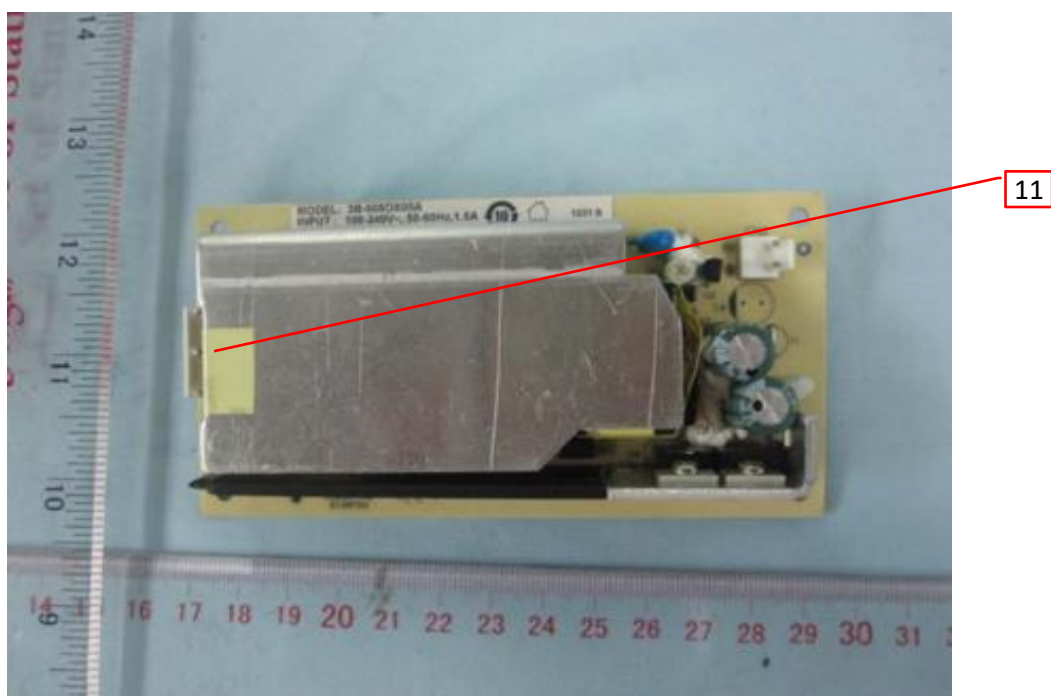


Photo 16 - Internal view for GTM91099 series (open frame)



3.0 Product Photographs

Photo 17 - Transformer

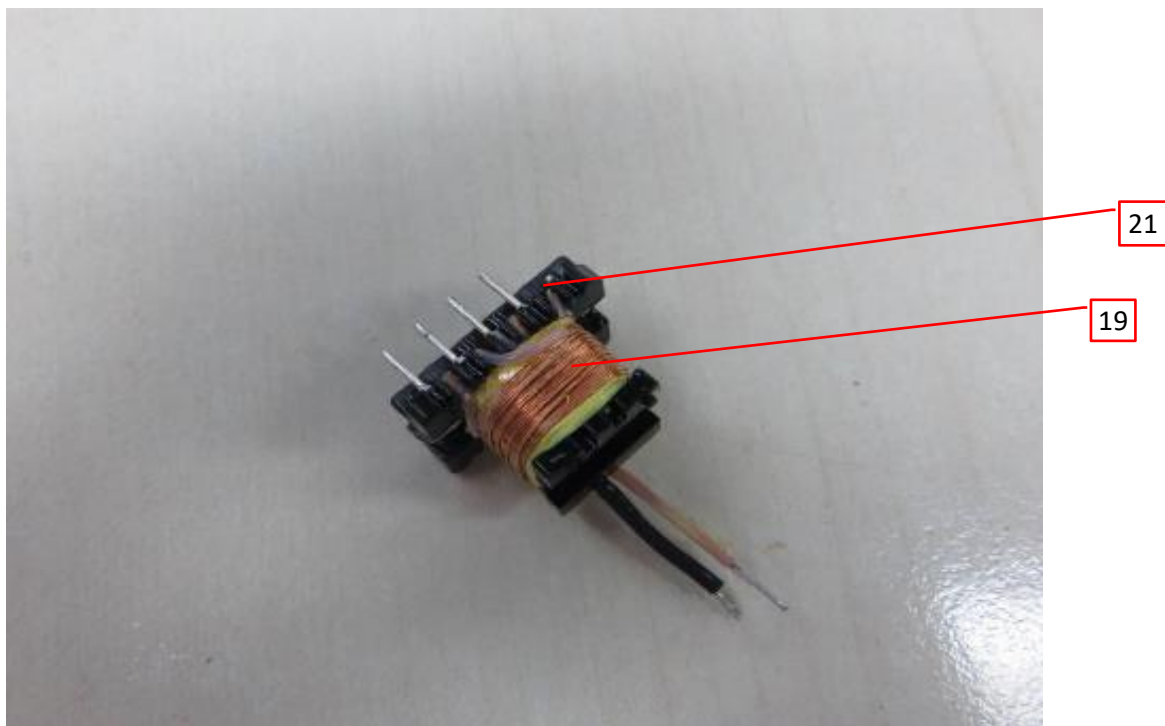
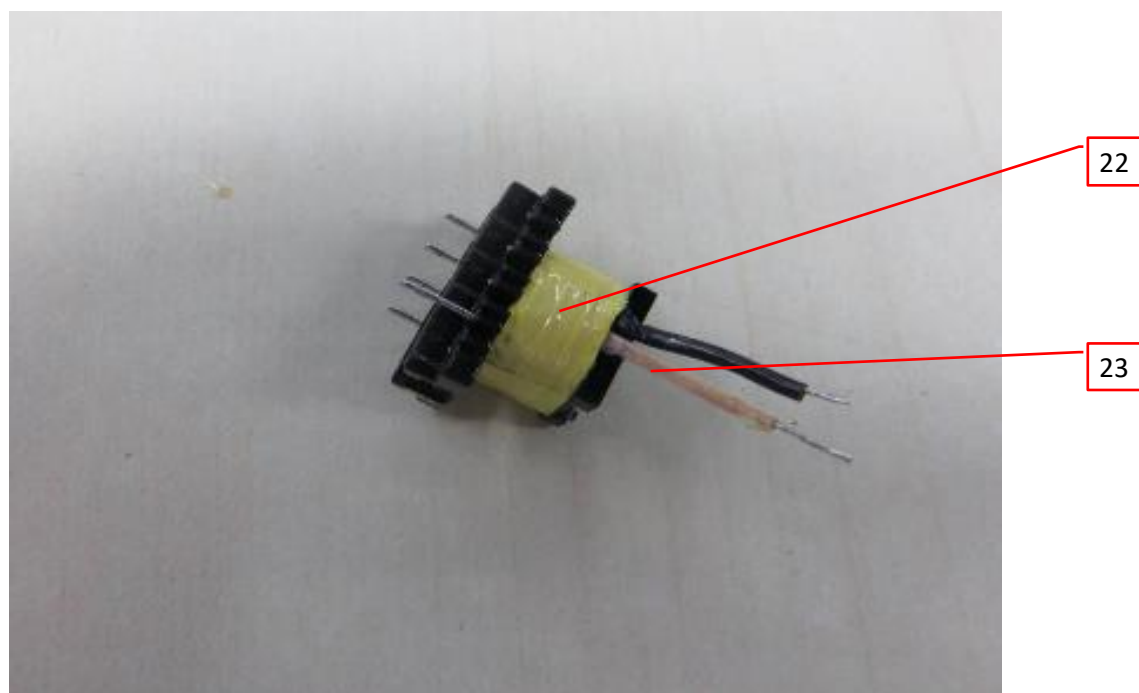


Photo 18 - Transformer



3.0 Product Photographs

Photo 19 - External view of GT*96600-*56***

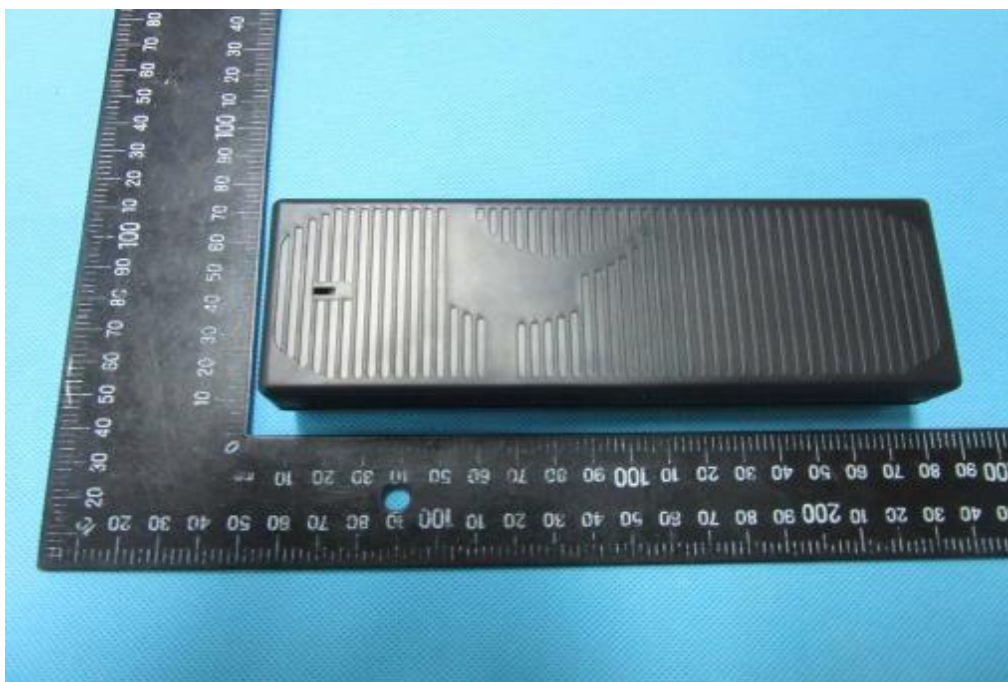


Photo 20 - External view of GT*96600-*56***



3.0 Product Photographs

Photo 21 - External view of GT*96600-*56*** (Enclosure with lug)



Photo 22 - Internal view of GT*96600-*56***



3.0 Product Photographs

Photo 23 - Internal view of GT*96600-*56***



Photo 24 - PCB of GT*96600-*56***

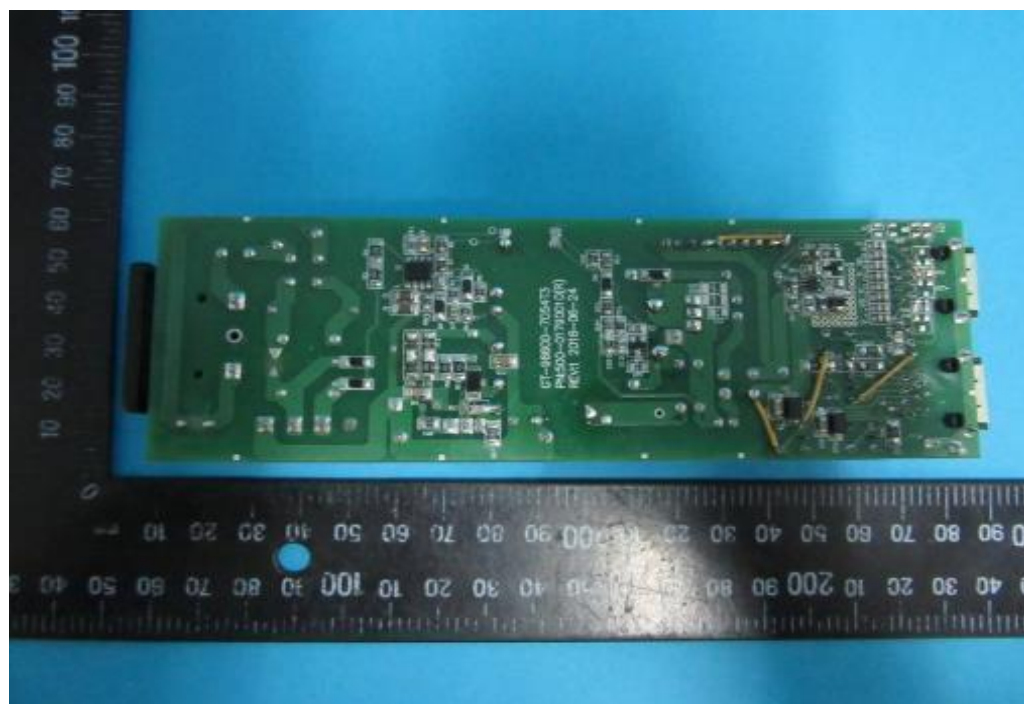


3.0 Product Photographs

Photo 25 - PCB of GT*96600-*56***



Photo 26 - PCB of GT*96600-*56***



3.0 Product Photographs

Photo 27 - Transformer of GT*96600-*56***

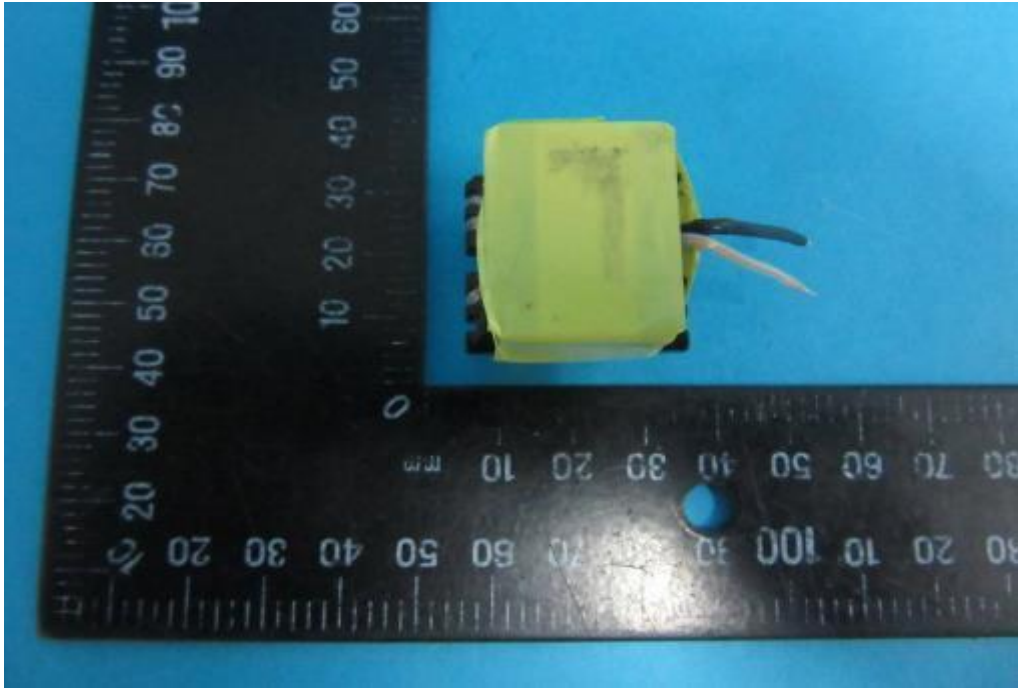
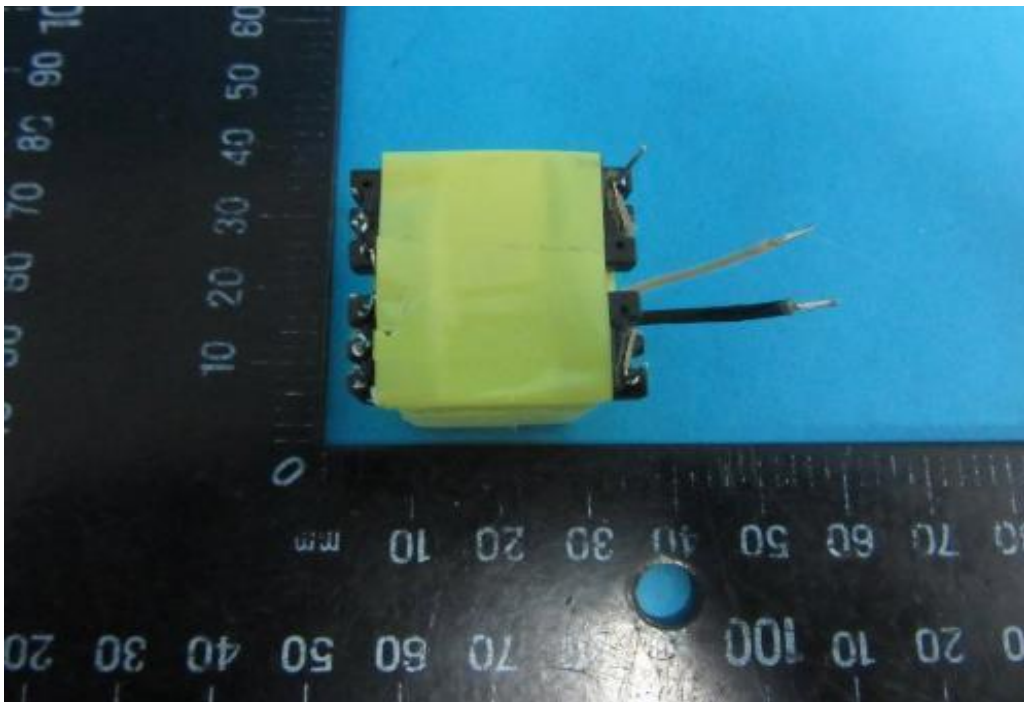


Photo 28 - Transformer of GT*96600-*56***



3.0 Product Photographs

Photo 29 - Transformer of GT*96600-*56***

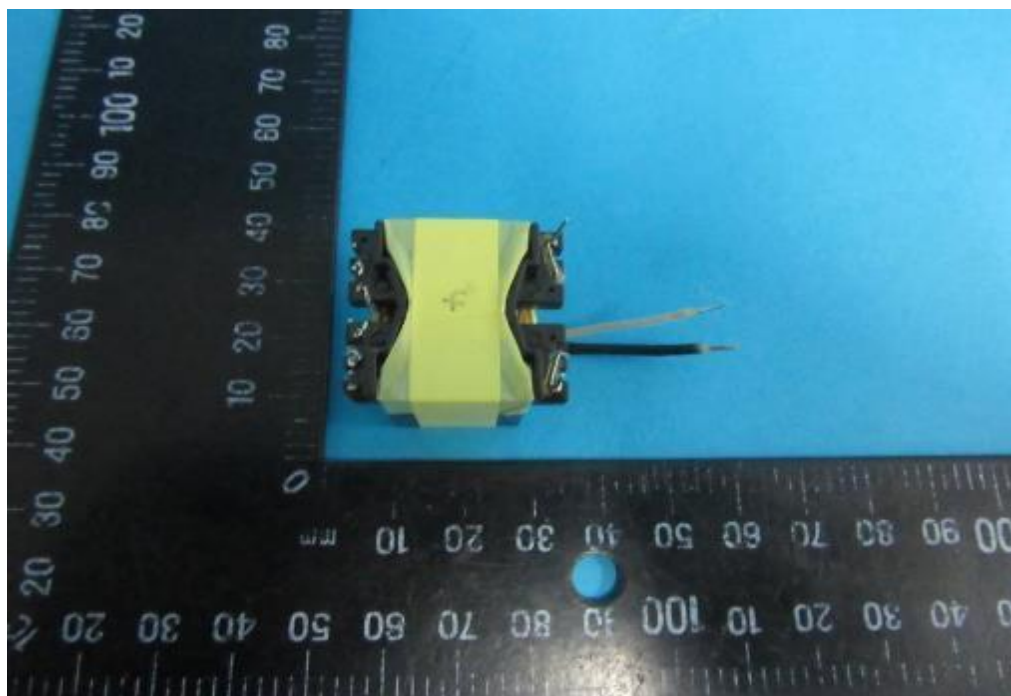
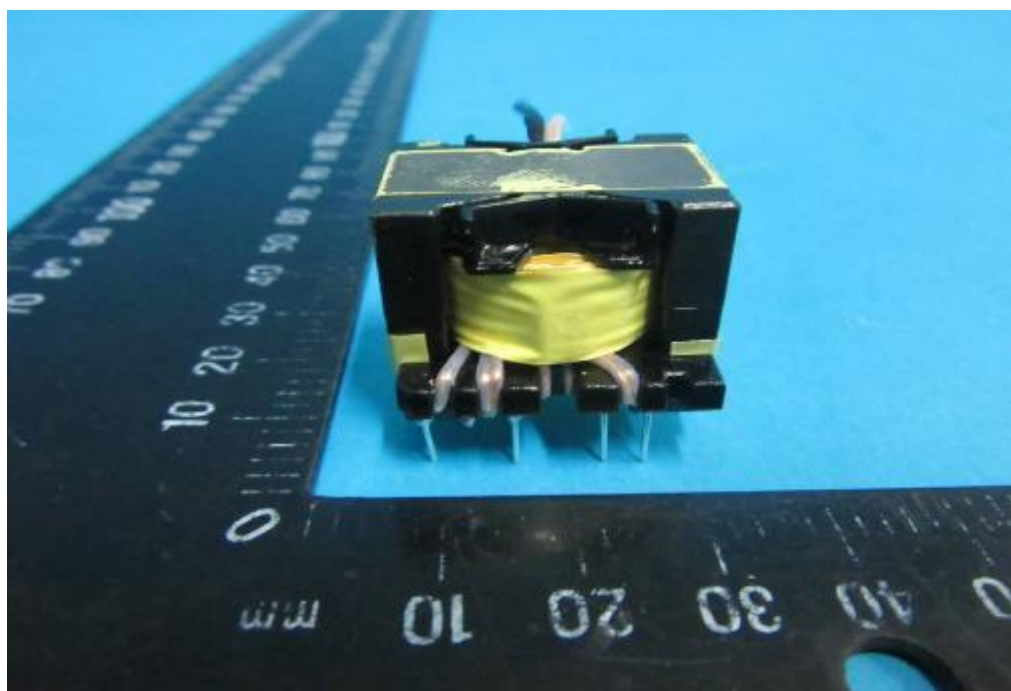


Photo 30 - Transformer of GT*96600-*56***



3.0 Product Photographs

Photo 31 - Transformer of GT*96600-*56***

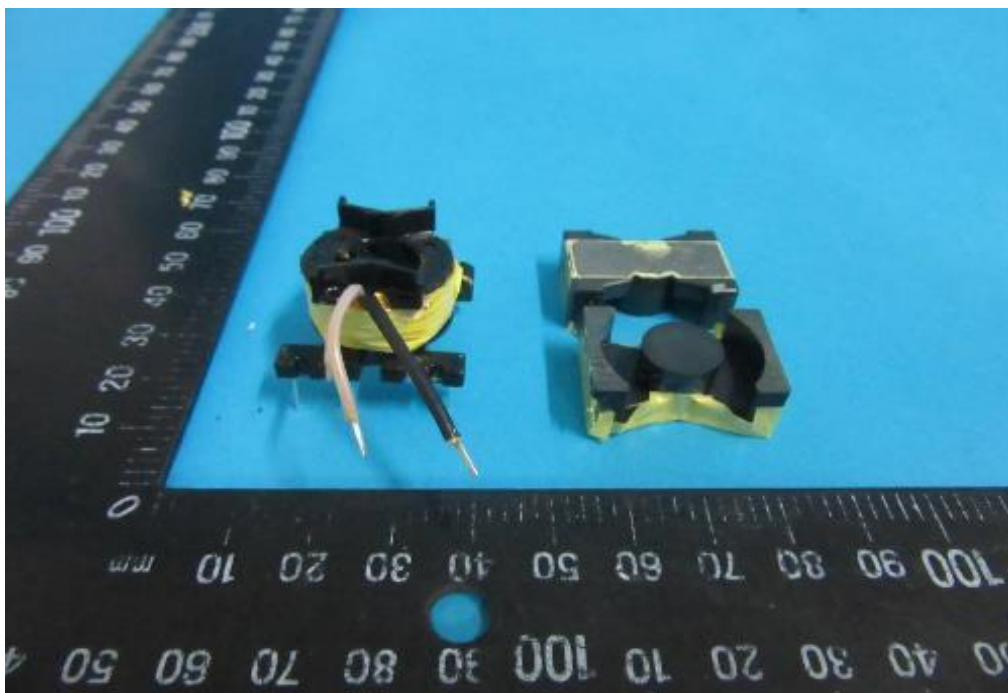
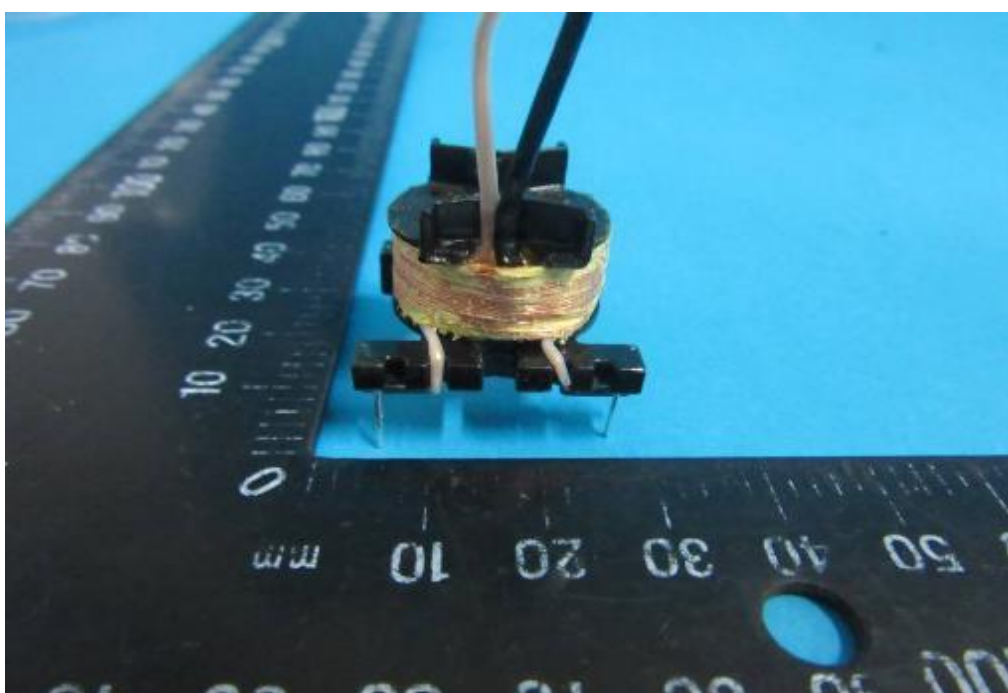


Photo 32 - Transformer of GT*96600-*56***



3.0 Product Photographs

Photo 33 - Transformer of GT*96600-*56***

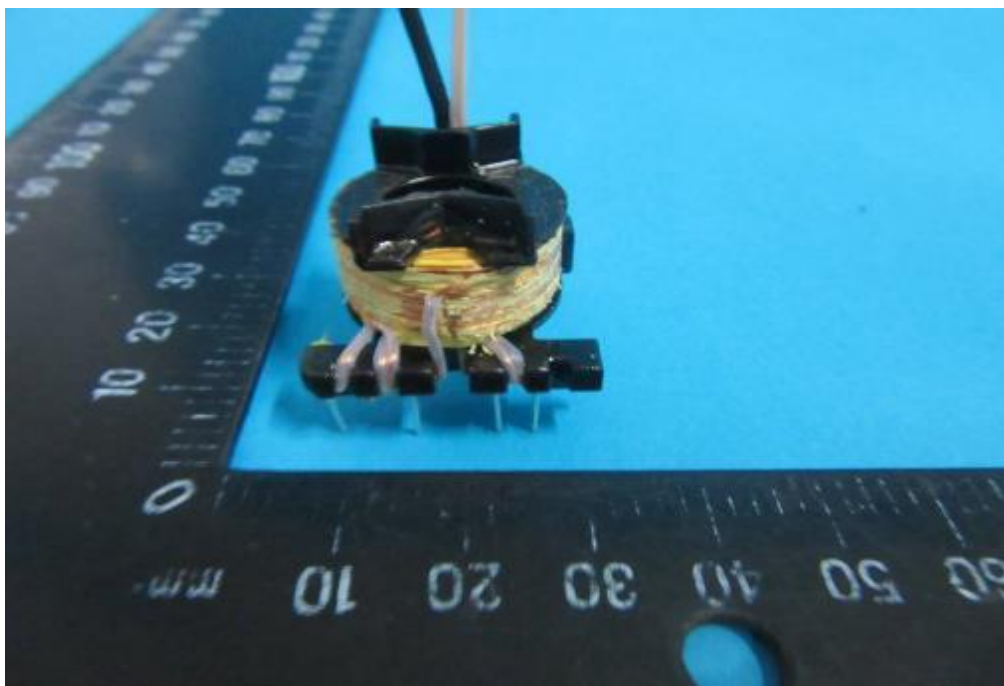
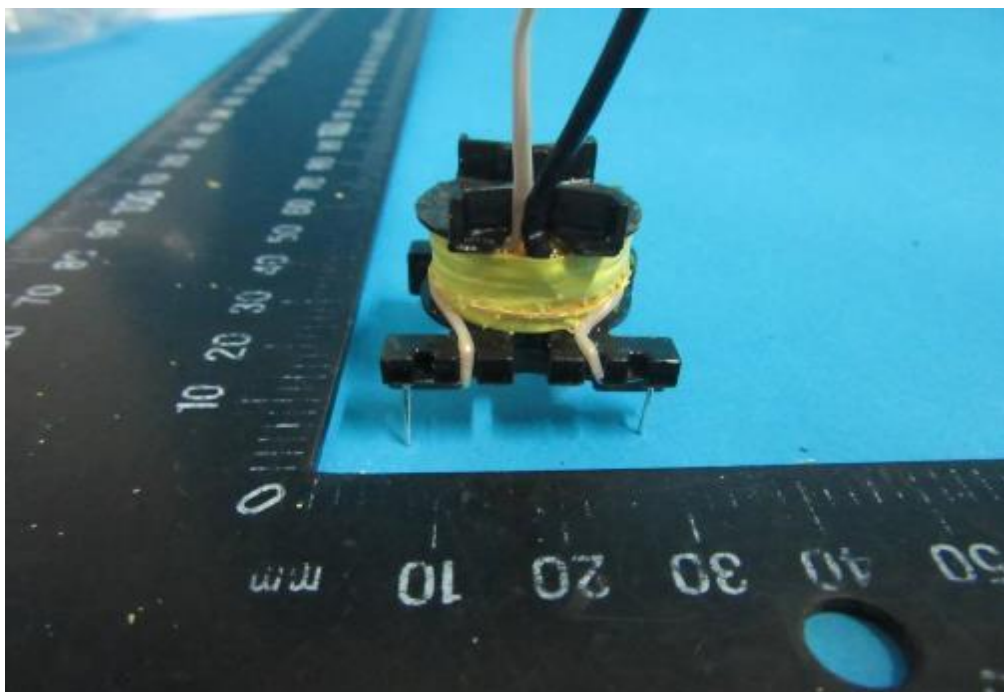


Photo 34 - Transformer of GT*96600-*56***



3.0 Product Photographs

Photo 35 - Transformer of GT*96600-*56***

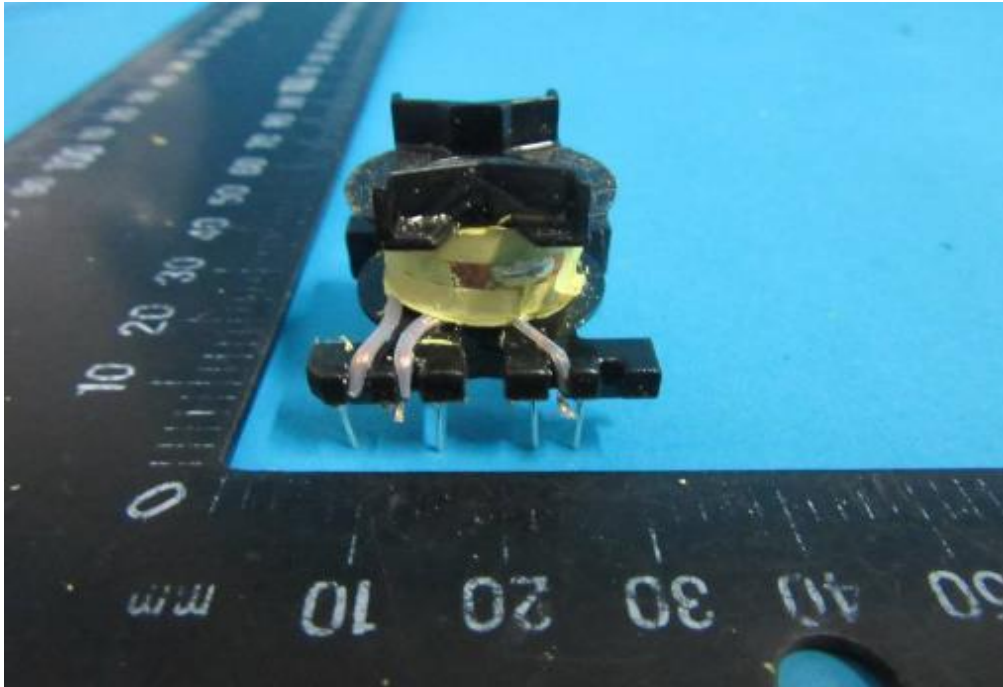
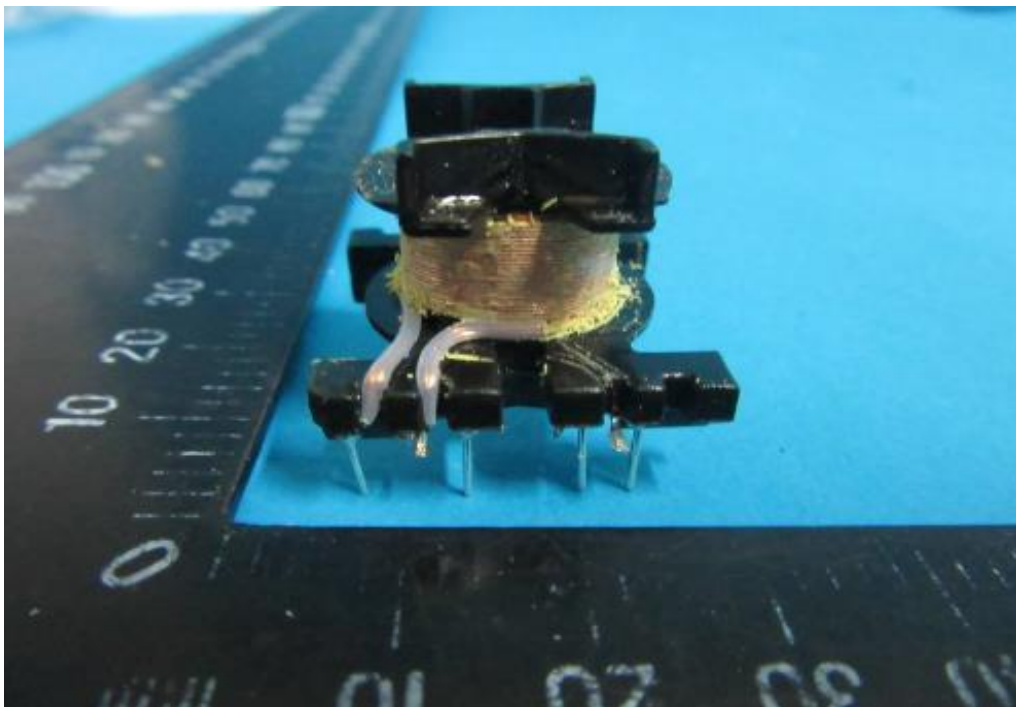


Photo 36 - Transformer of GT*96600-*56***



3.0 Product Photographs

Photo 37 - Transformer of GT*96600-*56***

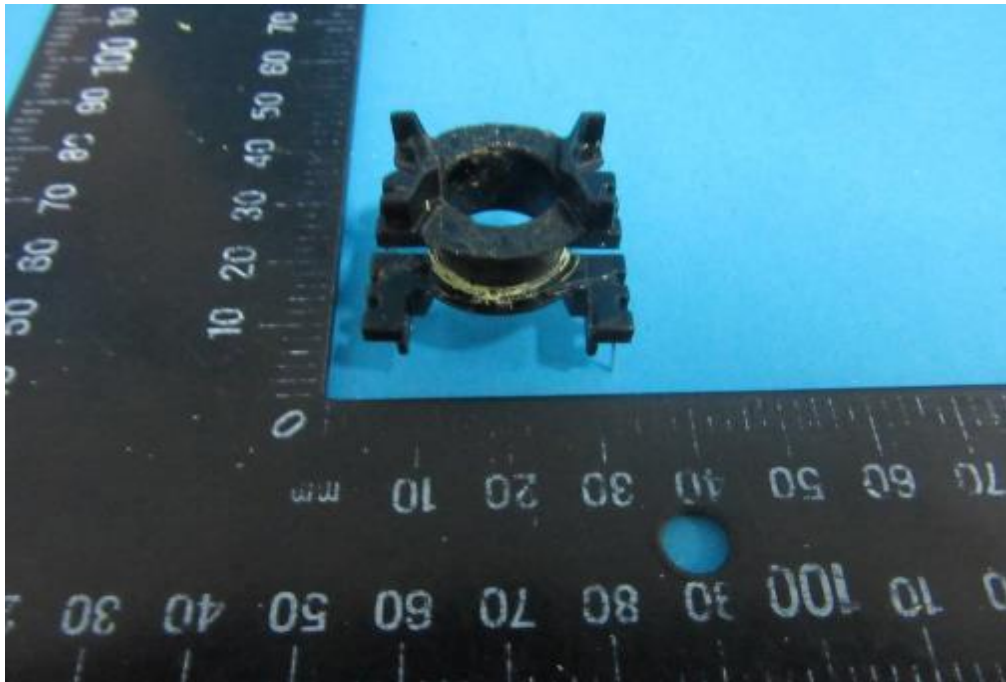


Photo 38 - External view for GTM96600 series with fixed power cord



3.0 Product Photographs

Photo 39 - External view for GTM96600 series with fixed power cord



Photo 40 - Internal view for GTM96600 series with fixed power cord



3.0 Product Photographs

Photo 41 - Internal view for GTM96600 series with fixed power cord



Photo 42 - External view for GTM96600-6054-R3A-CF

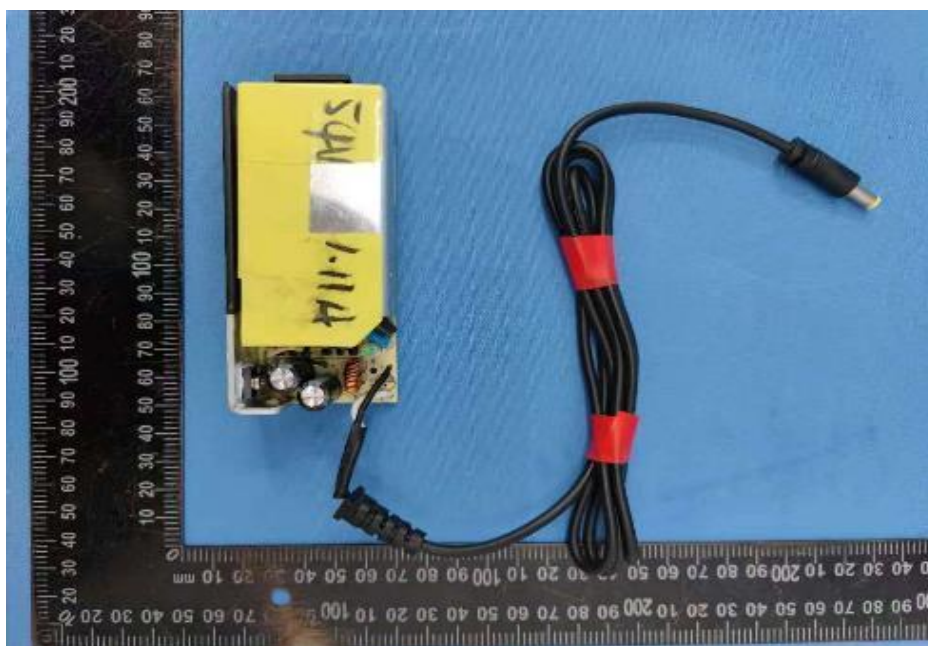


3.0 Product Photographs

Photo 43- External view for GTM96600-6054-R3A-CF



Photo 44 - Internal view for GTM96600-6054-R3A-CF



3.0 Product Photographs

Photo 45 - Internal view for GTM96600-6054-R3A-CF



Photo 46 - External view for GTM96600-3005-R3A-CF



3.0 Product Photographs

Photo 47 - External view for GTM96600-3005-R3A-CF



Photo 48 - Internal view for GTM96600-3005-R3A-CF

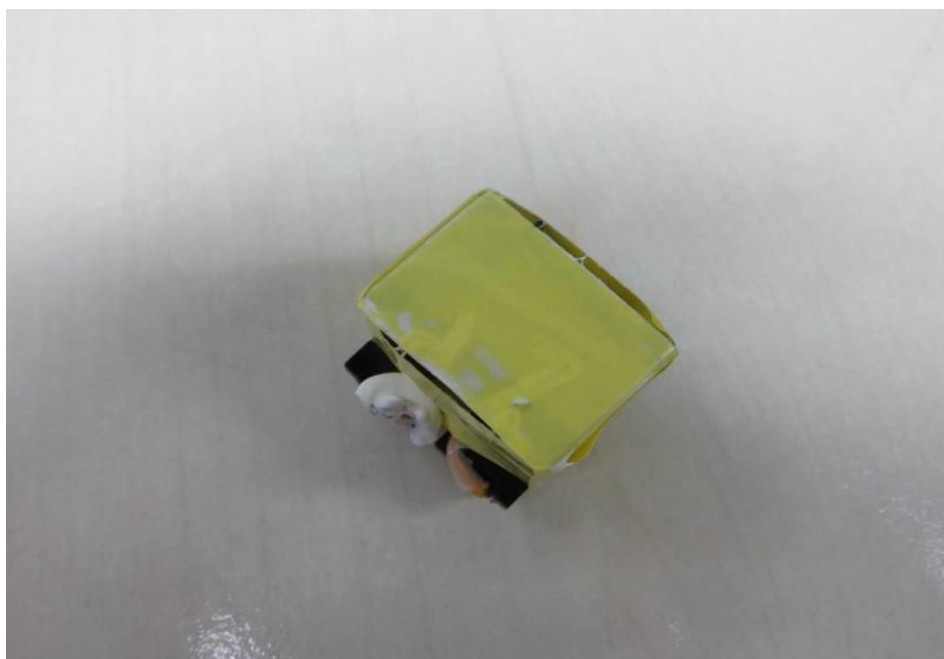


3.0 Product Photographs

Photo 49 - Internal view for GTM96600-3005-R3A-CF



Photo 50 - Transformer for GT*91099 series



3.0 Product Photographs

Photo 51 - Transformer for GT*91099 series

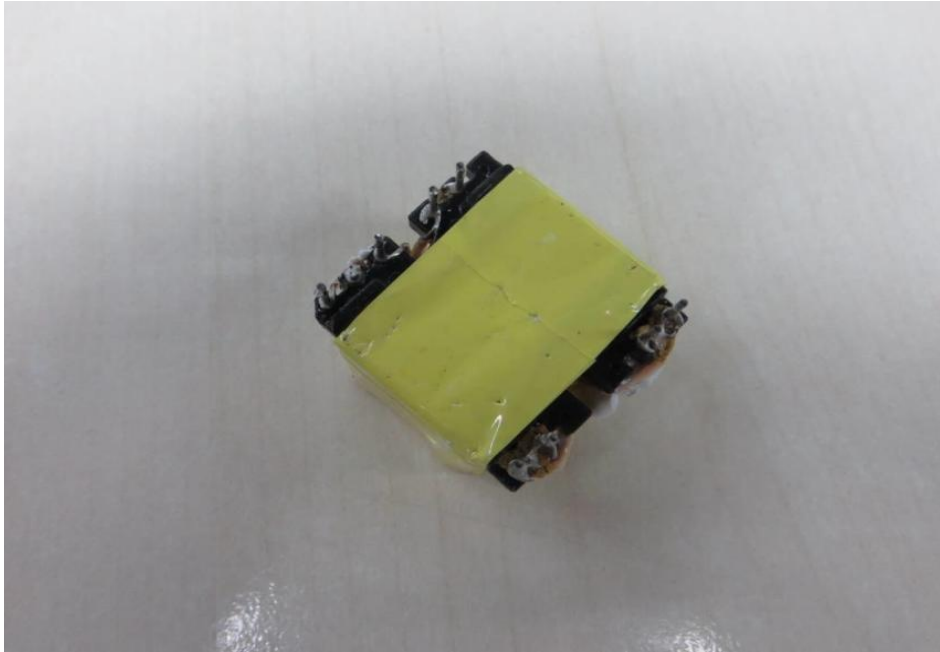
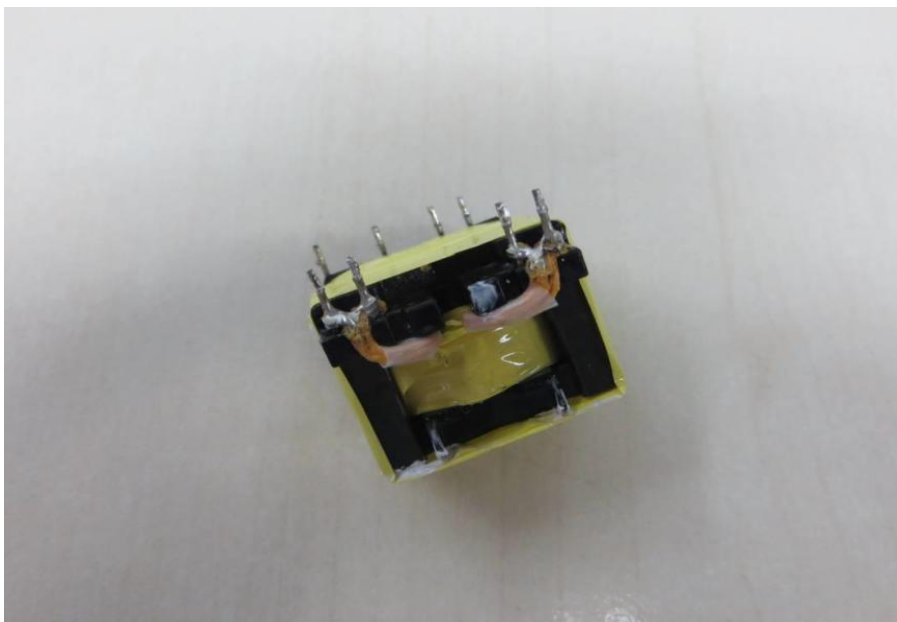


Photo 52 - Transformer for GT*91099 series



3.0 Product Photographs

Photo 53 - Transformer for GT*91099 series

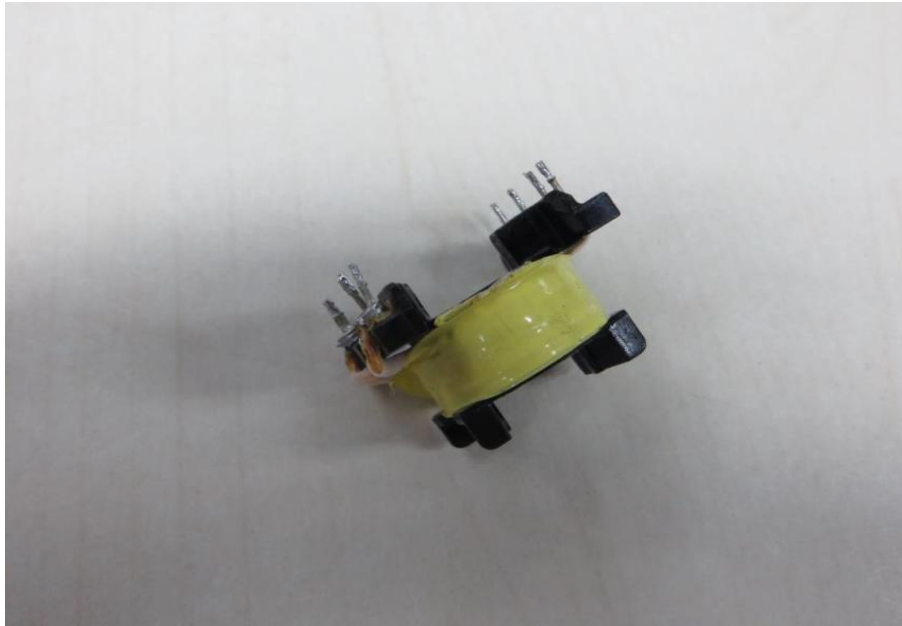
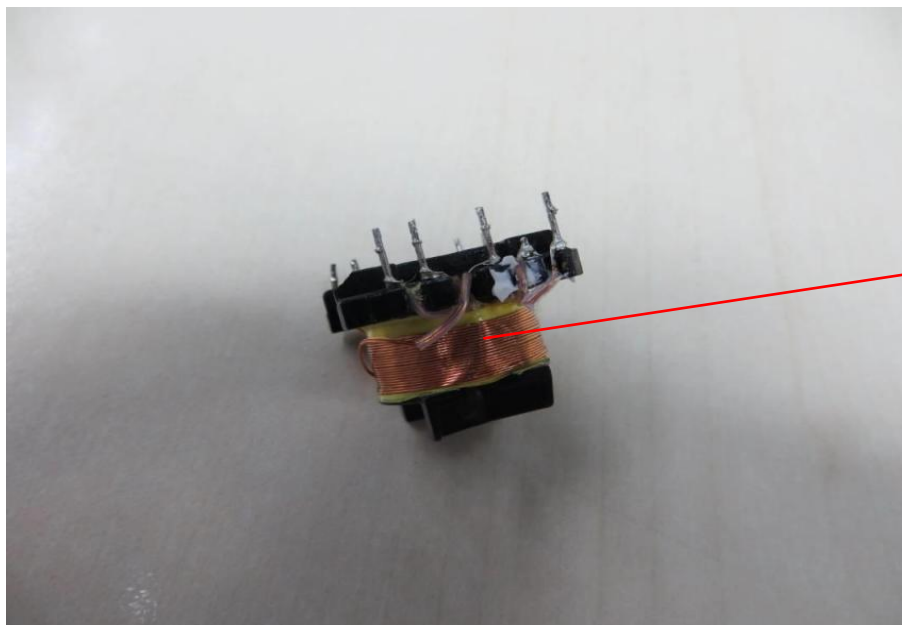


Photo 54 - Transformer for GT*91099 series



20

3.0 Product Photographs

Photo 55 - Transformer for GT*91099 series

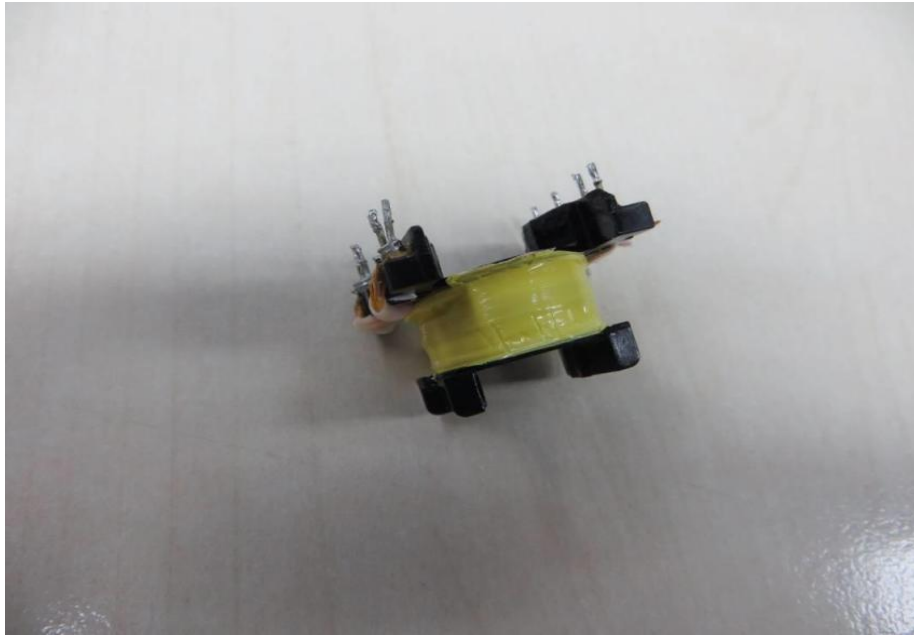


Photo 56 - Transformer for GT*91099 series



3.0 Product Photographs

Photo 57 - Transformer for GT*91099 series

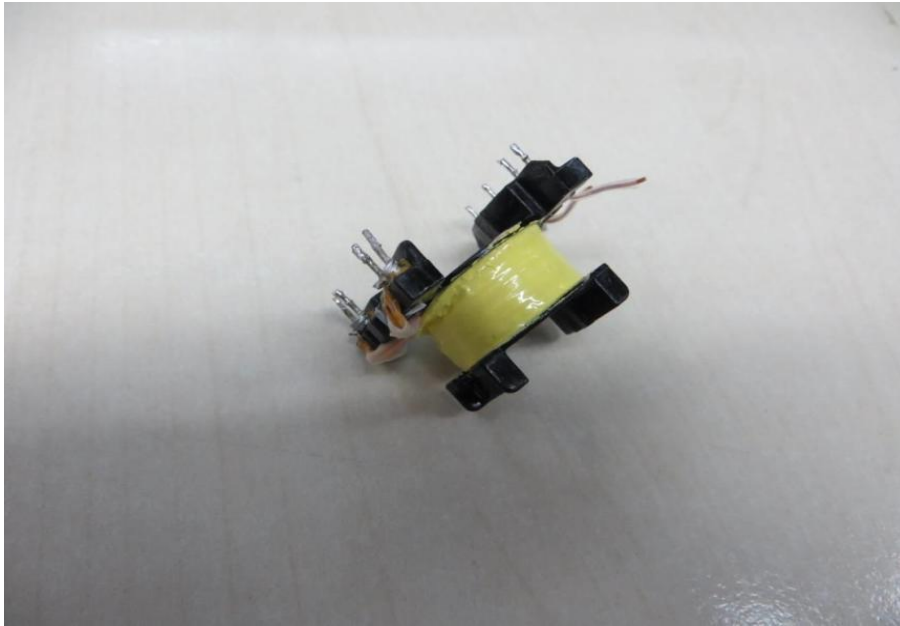


Photo 58 - Transformer for GT*91099 series



3.0 Product Photographs

Photo 59 - Transformer for GT*91099 series

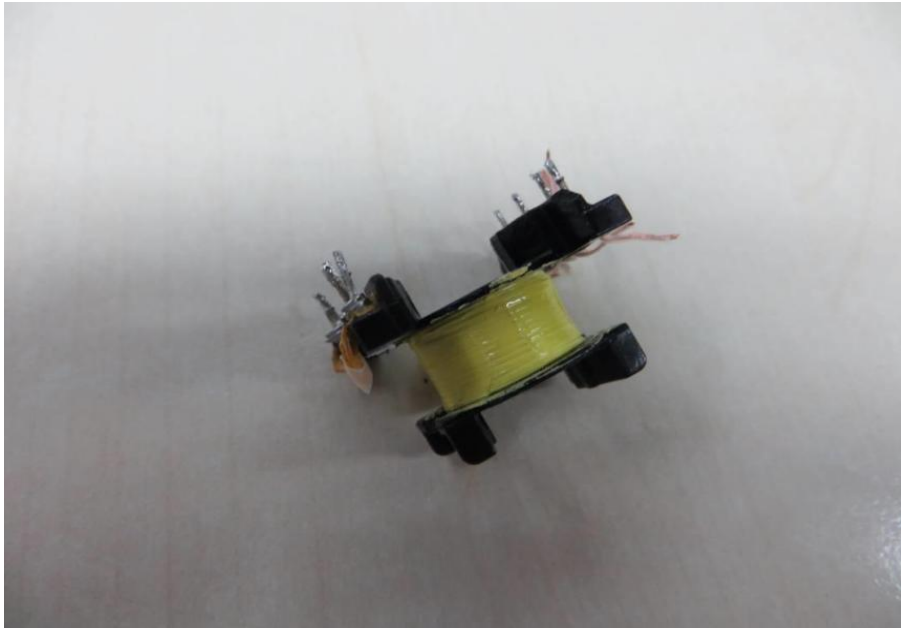
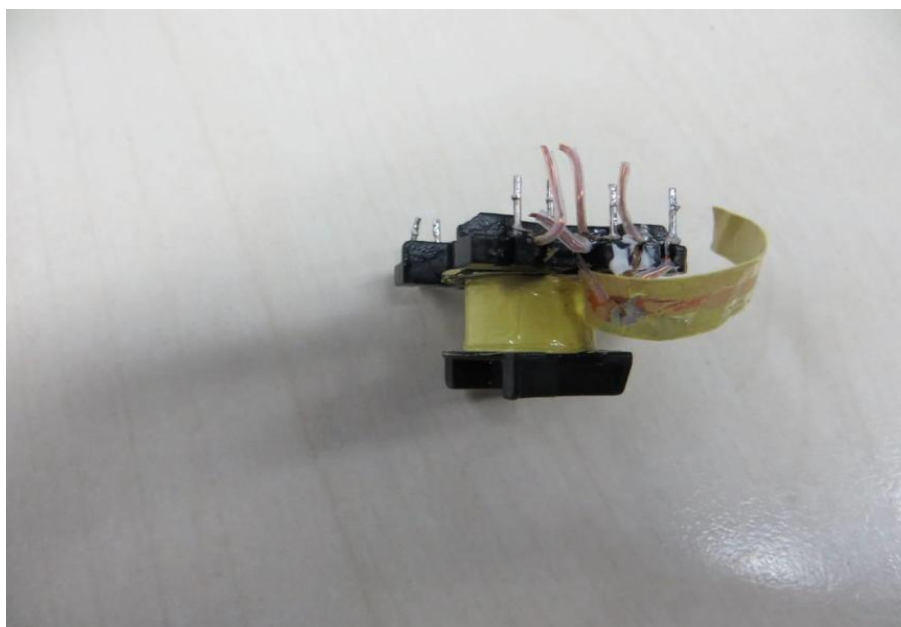


Photo 60 - Transformer for GT*91099 series



3.0 Product Photographs

Photo 61 - Transformer for GT*91099 series

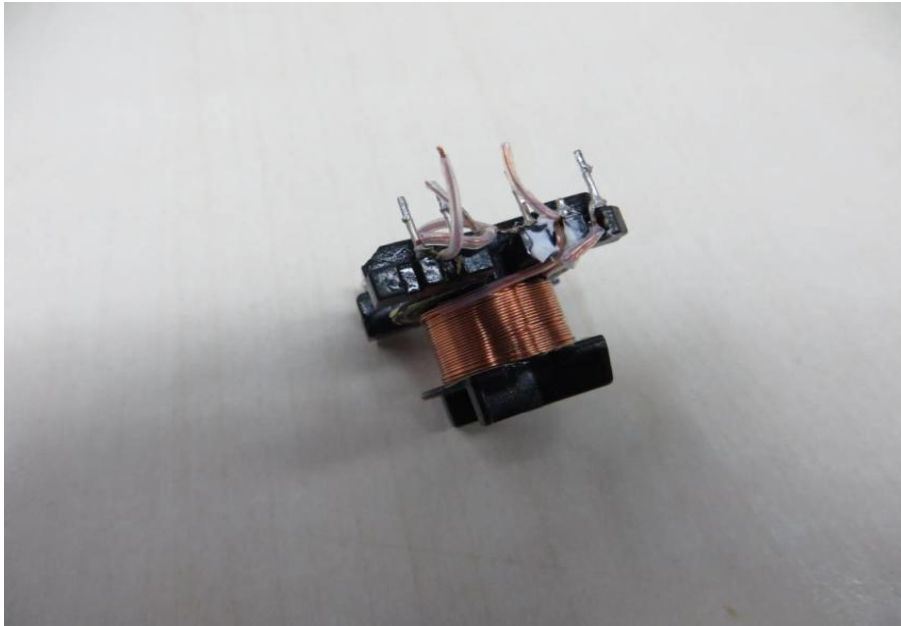


Photo 62 - Transformer for GT*91099 series



3.0 Product Photographs

Photo 63 - Transformer for GT*96600 series

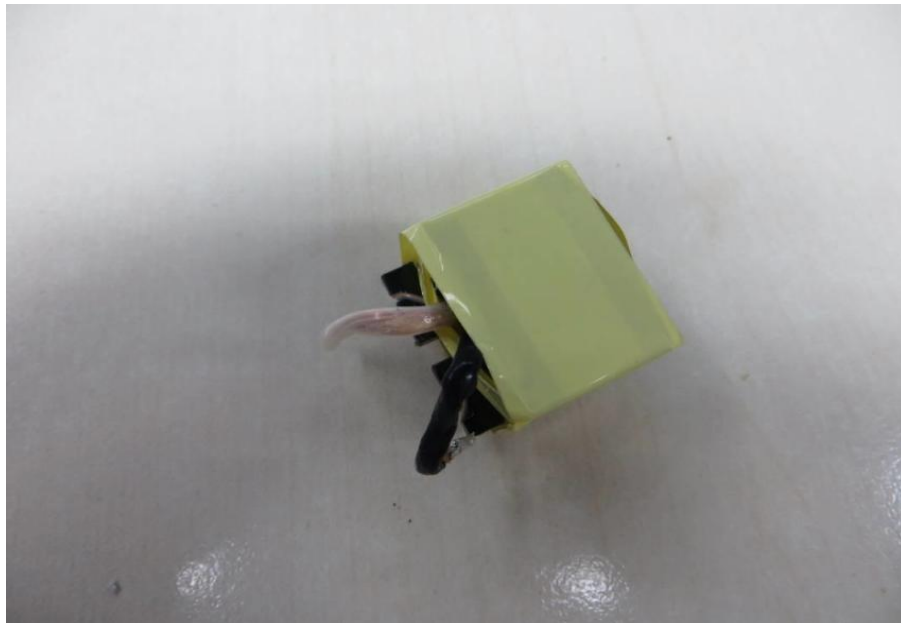
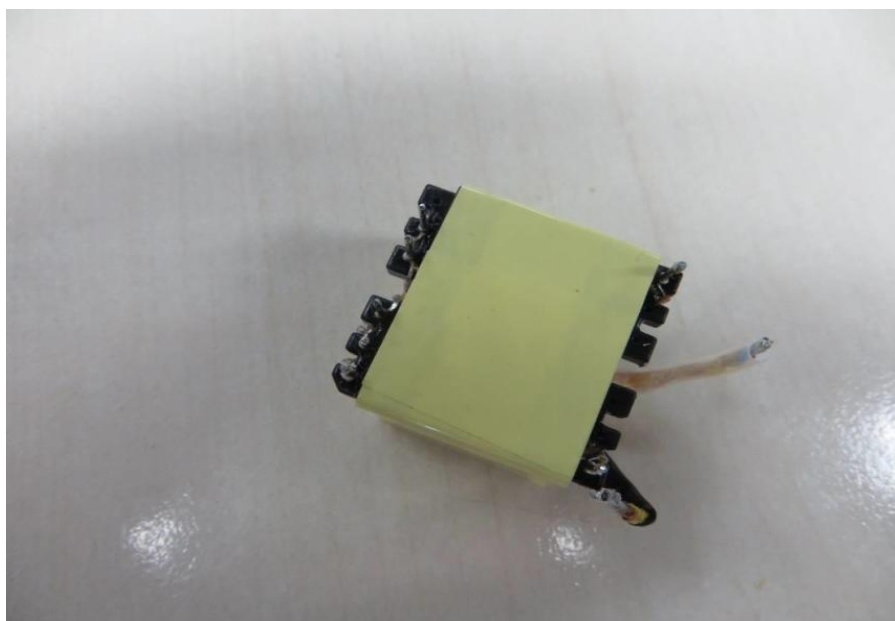


Photo 64 - Transformer for GT*96600 series



3.0 Product Photographs

Photo 65 - Transformer for GT*96600 series

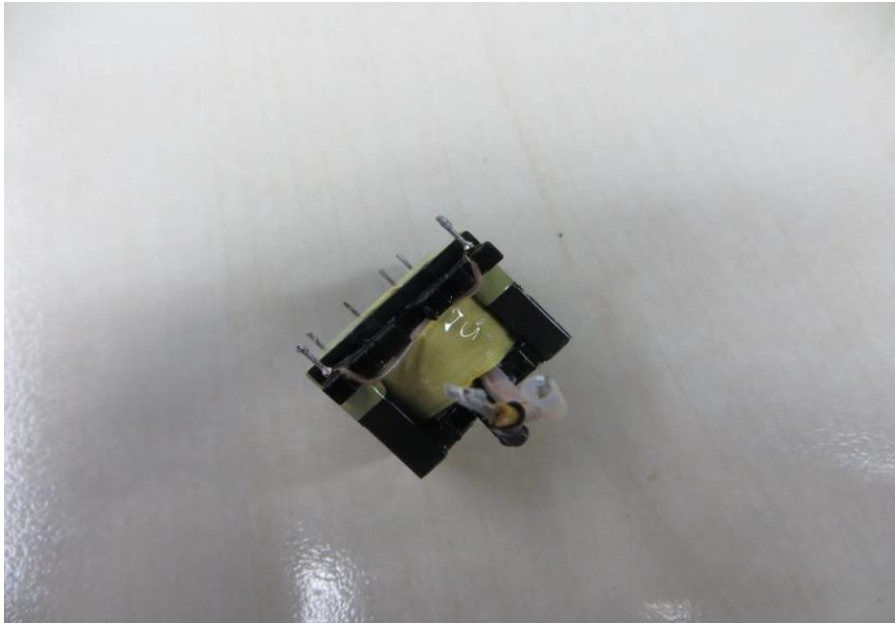
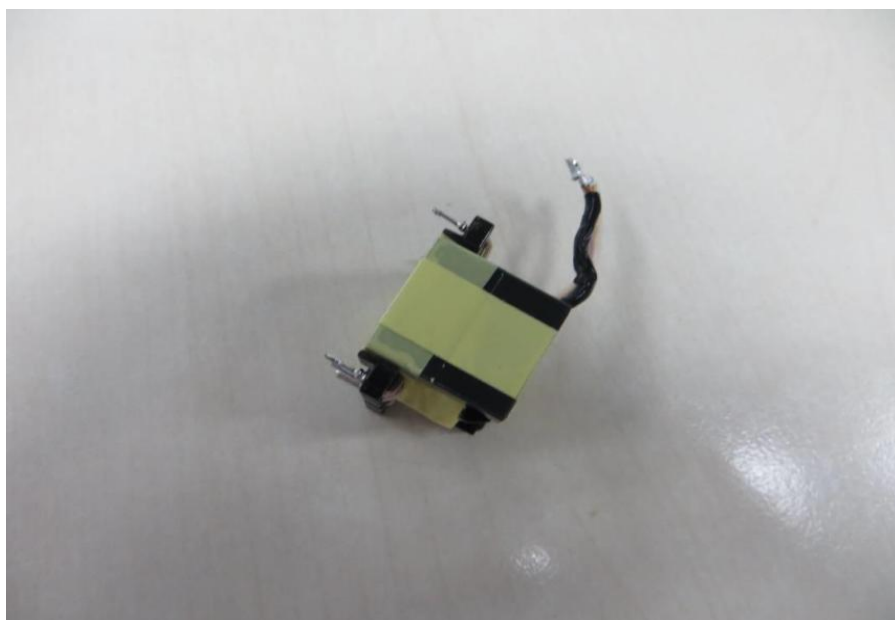


Photo 66 - Transformer for GT*96600 series



3.0 Product Photographs

Photo 67 - Transformer for GT*96600 series

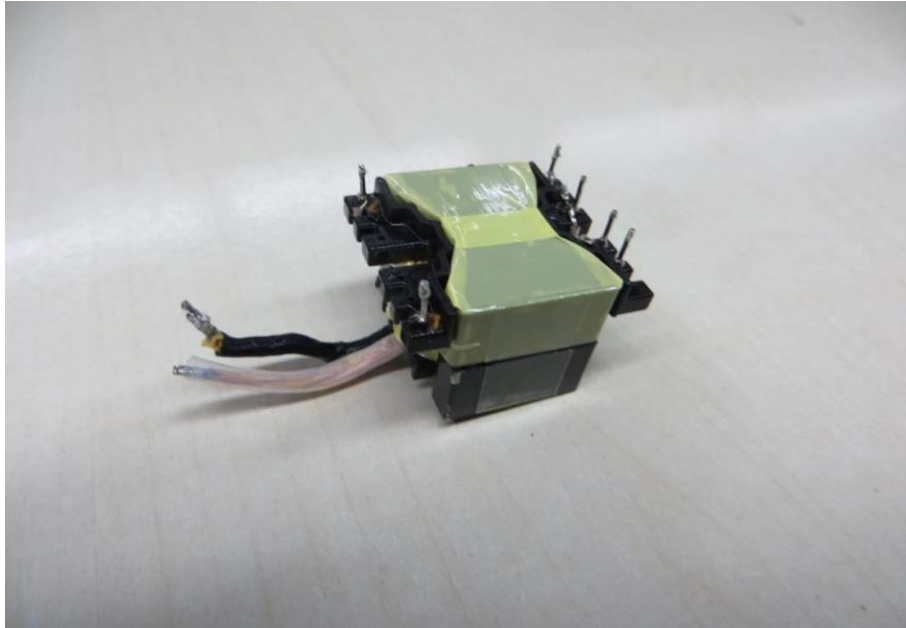
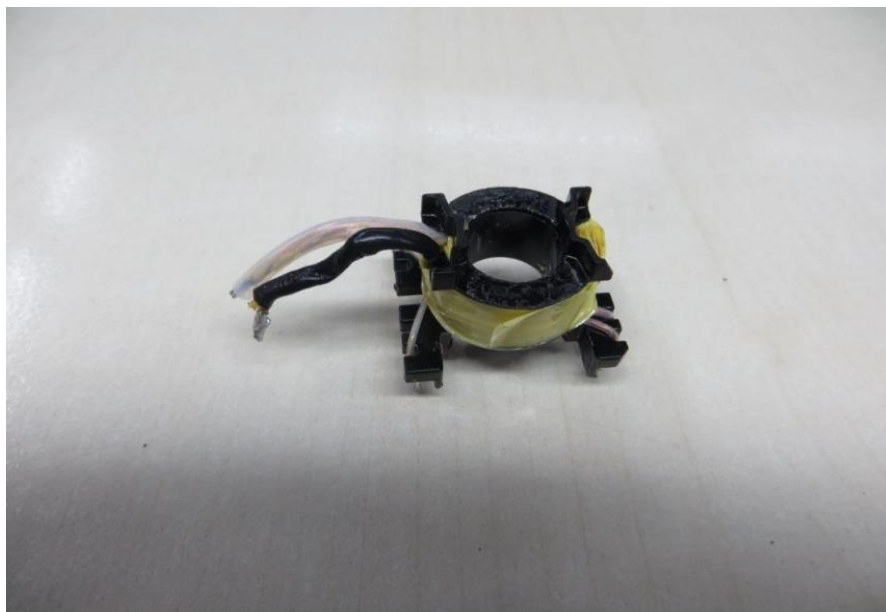


Photo 68 - Transformer for GT*96600 series

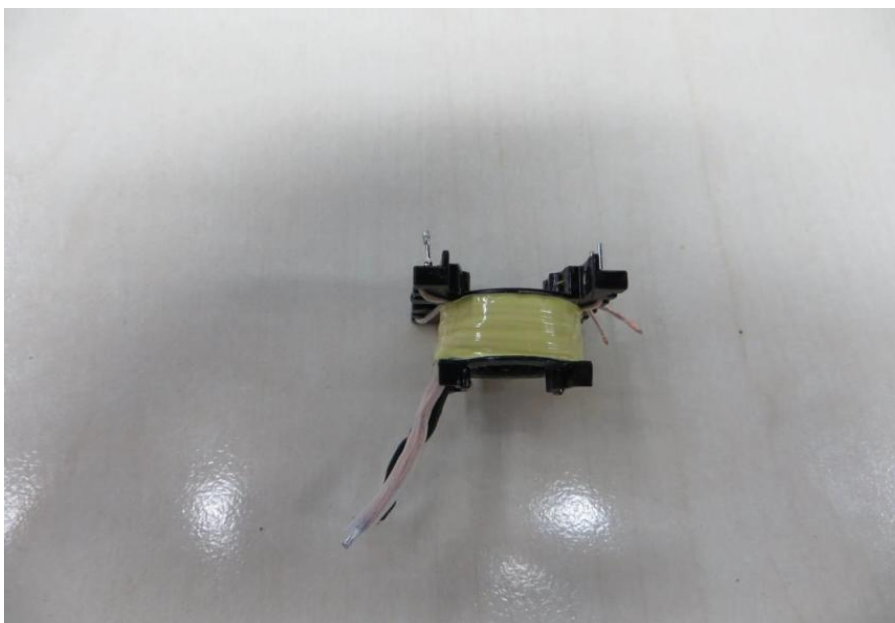


3.0 Product Photographs

Photo 69 - Transformer for GT*96600 series



Photo 70- Transformer for GT*96600 series



3.0 Product Photographs

Photo 71 - Transformer for GT*96600 series

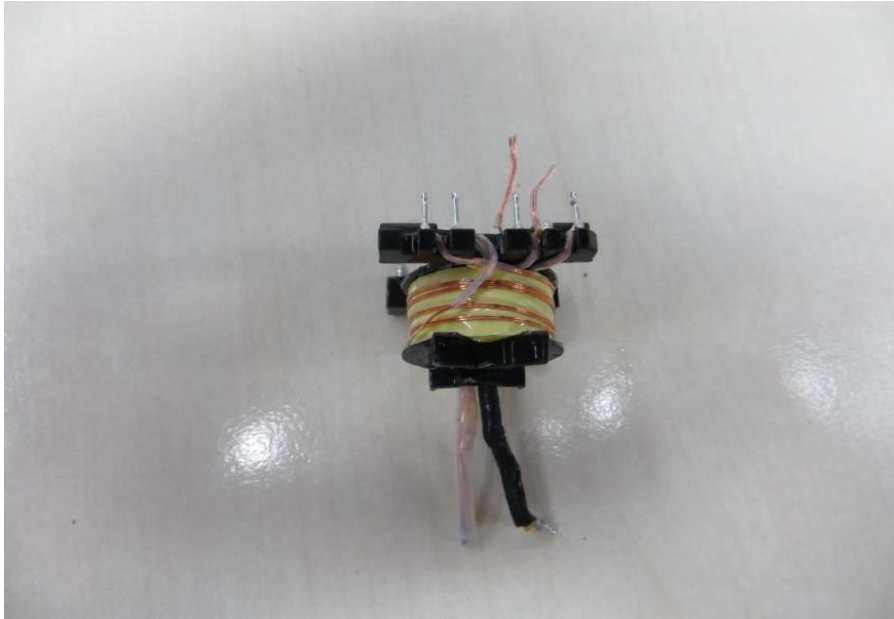
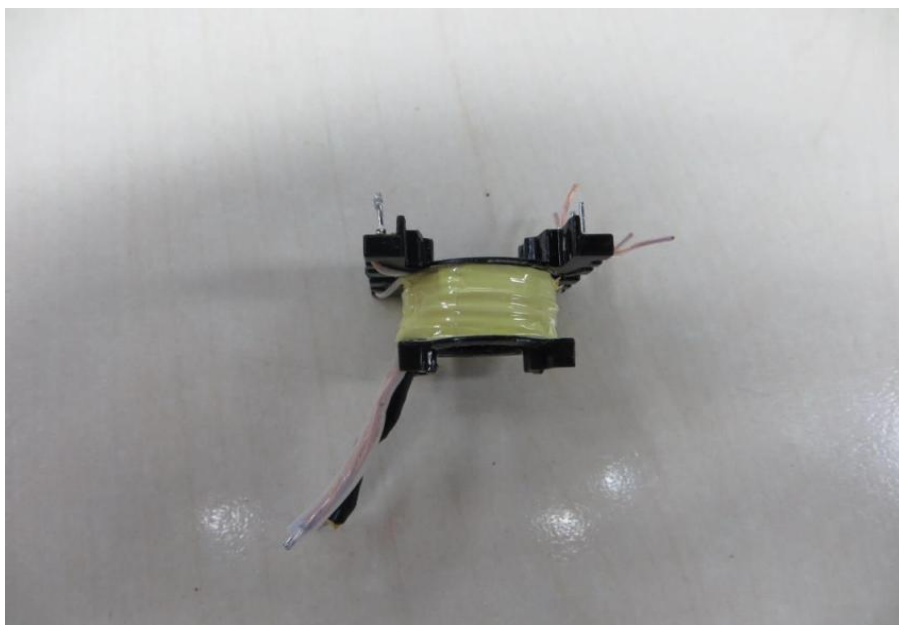


Photo 72 - Transformer for GT*96600 series



3.0 Product Photographs

Photo 73 - Transformer for GT*96600 series

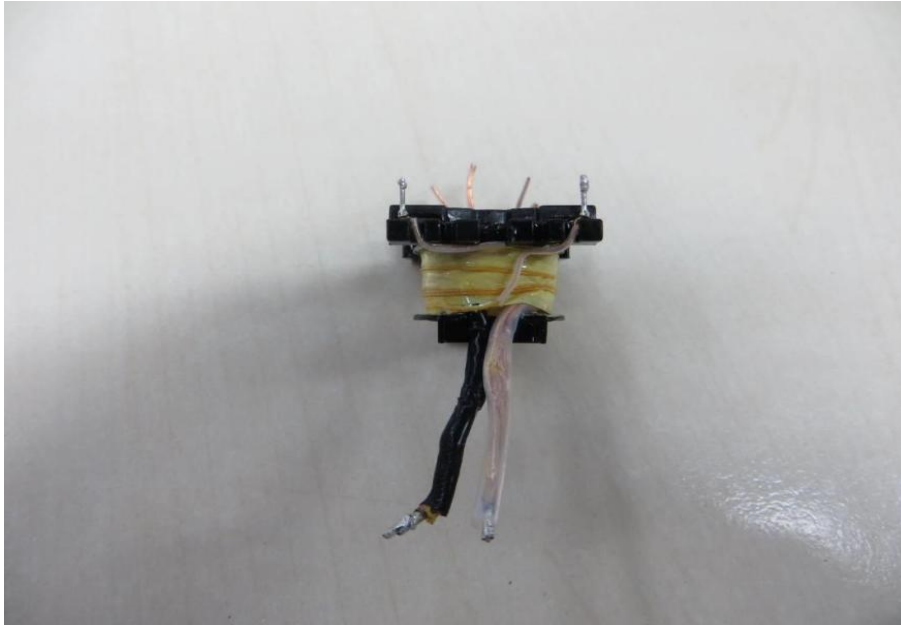
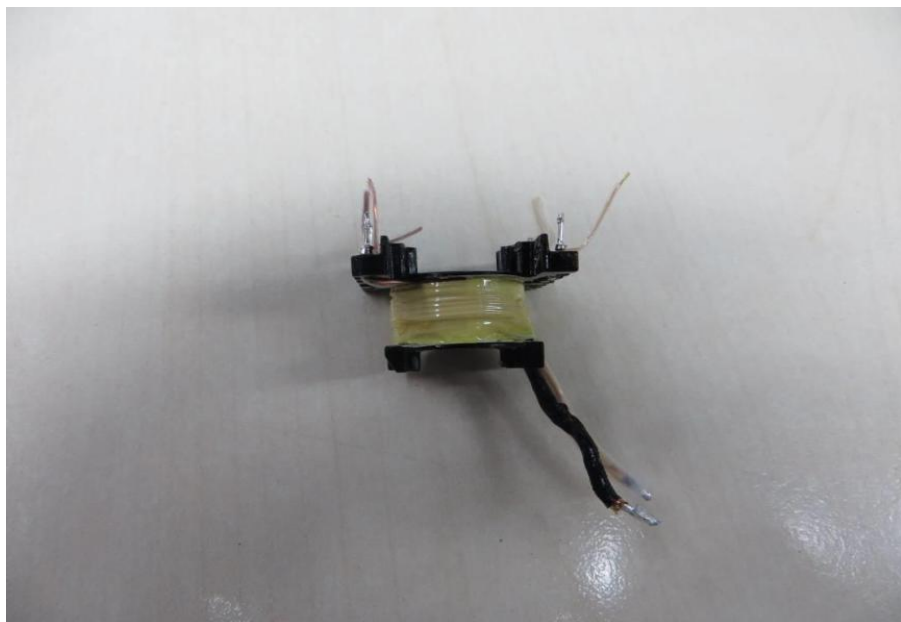


Photo 74 - Transformer for GT*96600 series



3.0 Product Photographs

Photo 75 - Transformer for GT*96600 series

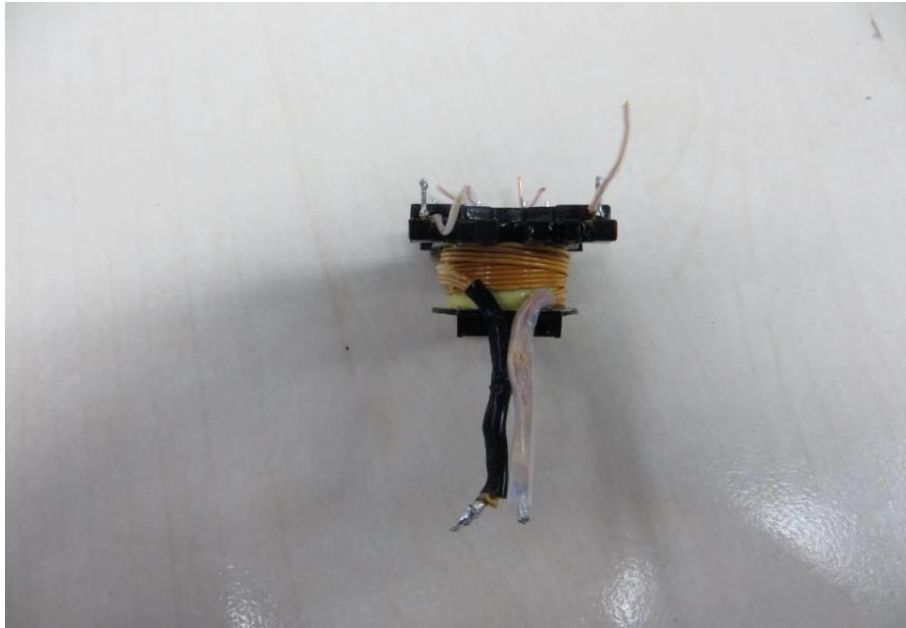
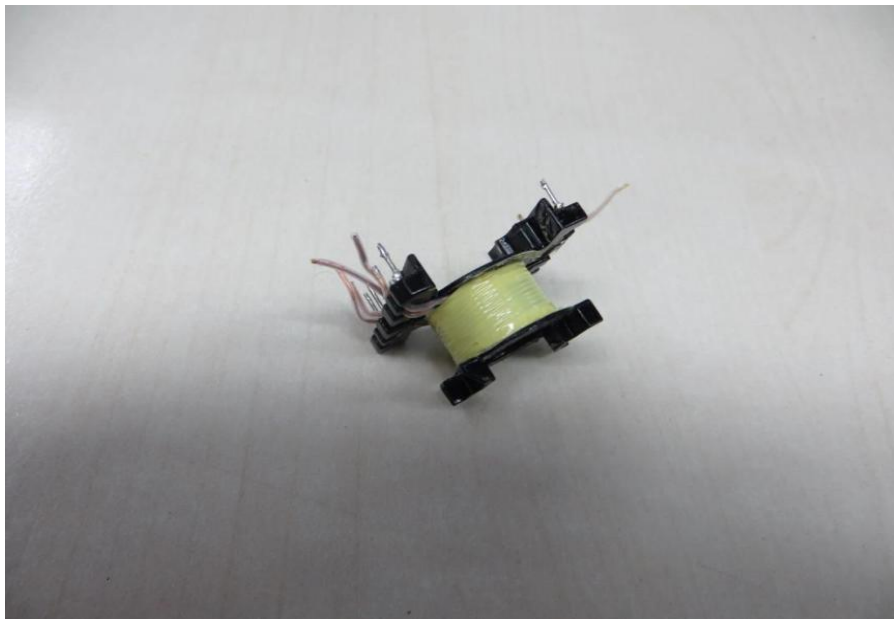


Photo 76 - Transformer for GT*96600 series



3.0 Product Photographs

Photo 77 - Transformer for GT*96600 series

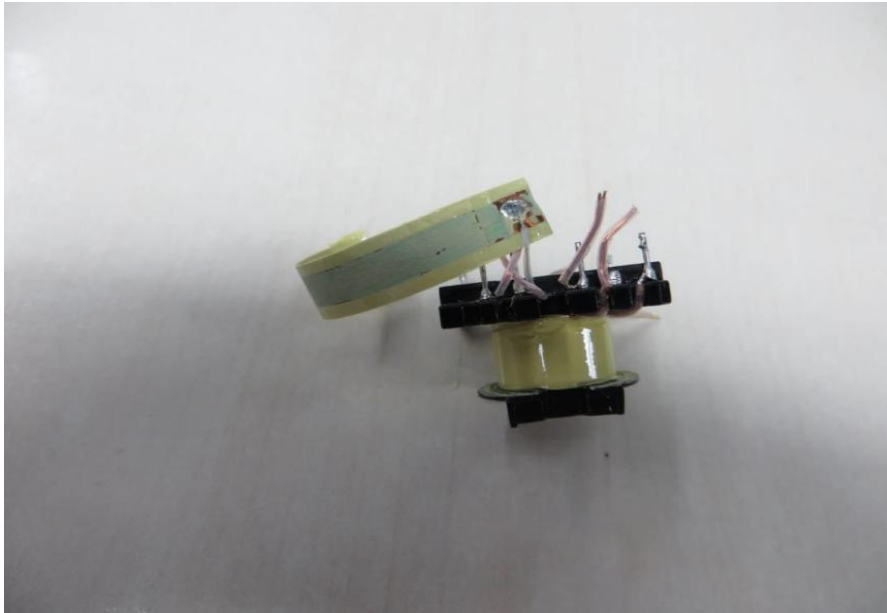
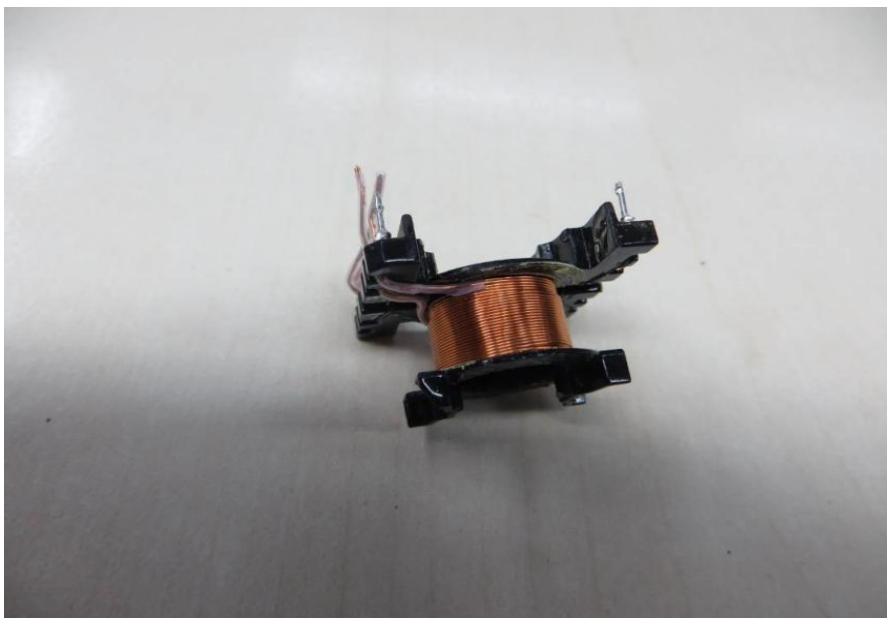
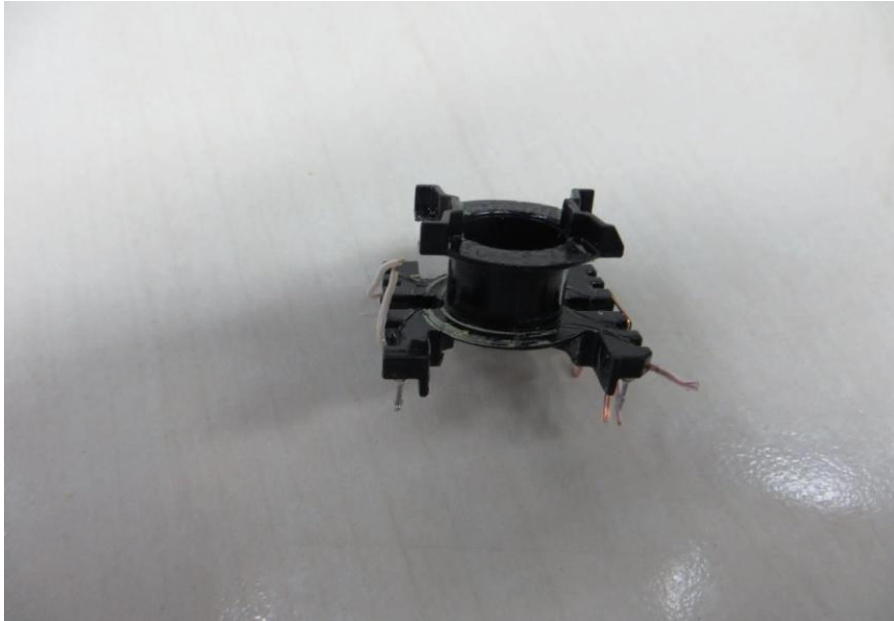


Photo 78 - Transformer for GT*96600 series



3.0 Product Photographs

Photo 79 - Transformer for GT*96600 series



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	1	PCB material	WALEX ELECTRONIC (WUXI) CO LTD	T2	Min. 1,6 mm thickness, min. V-0, 130°C	cURus
				T2A		
				T2B		
				T4		
			SHANGHAI H-FAST ELECTRONIC CO LTD	411001	Min. 1,6 mm thickness, min. V-0, 130°C	cURus
				211001		
			DONGGUAN HE TONG ELECTRONICS CO LTD	CEM1	Min. 1,6 mm thickness, min. V-0, 130°C	cURus
				2V0		
				FR4		
			DAFENG AREX ELECTRONICS TECHNOLOGY COLTD	02V0	Min. 1,6 mm thickness, min. V-0, 130°C	cURus
				03V0		
				04V0		
			BRITE PLUS ELECTRONICS (SUZHOU) CO LTD	DKV0-3A	Min. 1,6 mm thickness, min. V-0, 130°C	cURus
				DGV0-3A		
			SHENZHEN TONGCHUANG XIN ELECTRONICS CO LTD	TCX	Min. 1,6 mm thickness, min. V-0, 130°C	cURus
3,5, 9,1 1	2	Fuse	Conquer Electronics Co., Ltd	MST series	T3.15A, 250V (FS1,FS2 or F1, F2) (FS2 or F2 is optional) (FS1, FS2 for GT*91099 series, F1, F2 for GT*96600 series, F1 for GT*96600-*56*** series)	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, 9,1 1	3	Y capacitor	TDK-EPC Corporation, Capacitors Group	CD	Y1, AC250V, max 2200pF, 25/125/21/B(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			Success Electronics Co., Ltd.	SE	Y1, AC250V, or AC500V, max 2200pF, 40/125/56/C(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			Success Electronics Co., Ltd.	SB	Y1, AC250V, max 2200pF, 40/125/56/C(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			Murata Mfg. Co., Ltd.	KX	Y1, AC250V, max 2200pF, 25/125/21/B(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			Walsin Technology Corp.	AH	Y1, AC250V, max 2200pF, 25/125/21/C(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			JYA-NAY Co., Ltd.	JN	Y1, AC250V, max 2200pF, 25/125/21/C(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			Haohua Electronic Co.	CT 7	Y1, AC250V, max 2200pF, 30/125/56/C(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			Jyh Chung Electronic Co., Ltd.	JD	Y1, AC250V, max 2200pF, 40/085/21/C(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			Jerro Electronics Corp.	JX-series	Y1, AC250V, max 2200pF, 40/125/21/C(CY1, CY2,CY1 for GT*96600-*56*** series)	cURus
			WELSON INDUSTRIAL CO LT D	WD	Y1, AC250V, max 2200pF, 55/125/21/C(CY1, CY2,CY1 for GT*96600-*56*** series)	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, 9,1 1	4	X capacitor	Cheng Tung Industrial Co., Ltd.	CTX	Min. 300VAC, Max. 0.47μF, 110 °C, X1 or X2 (CX1)	cURus
			Tenta Electric Industrial Co. Ltd.	MEX	Min. 250VAC, Max. 0.47μF, 40/100/21/B, X1 or X2 (CX1)	cURus
			Joey Electronics (Dong Guan) Co., Ltd.	MPX	Min. 250VAC, Max. 0.47μF, 40/105/21/B, X1 or X2 (CX1)	cURus
			Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Min. 250VAC, Max. 0.47μF, 40/100/21/C, X1 or X2 (CX1)	cURus
			Yuan Yu Electronics Co. Ltd.	MPX	Min. 250VAC, Max. 0.47μF, 40/100/21/C, X1 or X2 (CX1)	cURus
			Sinhua Electronics (Huzhou) Co., Ltd.	MPX	Min. 250VAC, Max. 0.47μF, 40/100/21/C, X1 or X2 (CX1)	cURus
			Jiangsu Xinghua Huayu Electronics Co., Ltd.	MPX - Series	Min. 250VAC, Max. 0.47μF, 40/100/21/C, X1 or X2 (CX1)	cURus
			Dain Electronics Co., Ltd.	MEX	Min. 250VAC, Max. 0.47μF, 40/100/21/C, X1 or X2 (CX1)	cURus
				MPX		
				NPX		
			Shenzhen Jinghao Capacitor Co., Ltd.	CBB62B	Min. 250VAC, Max. 0.47μF, 40/110/56/B, X1 or X2 (CX1)	cURus
			Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd.	MKP-X2	Min. 250VAC, Max. 0.47μF, 40/105/21/B, X2 (CX1)	cURus
			Okaya Electric Industries Co. LTD	RE-Series	Min. 250VAC, Max. 0.47μF, 55/100/56/C, X2 (CX1)	cURus
			VISHAY Capacitors Belgium NV	F 1772	Min. 250VAC, Max. 0.47μF, 40/100/56/C, X2 (CX1)	cURus
			Winday Electronic Industrial Co., Ltd.	MPX series	Min. 250VAC, Max. 0.47μF, 40/100/21/C, X2 (CX1)	cURus
			HUA JUNG COMPONENTS CO LTD	MPX series	Min. 250VAC, Max. 0.47μF, 40/100/21/C, X2 (CX1)	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, 11	5	Photo coupler	Everlight Electronics Co., Ltd.	EL817M	Dti=0.5mm Int. , dcr=6.0mm dcr=8.0mm,thermal cycling test,110°C (U1 or U4) (U1 for GT*91099 series, U4 for GT*96600 series, U1 for GT*96600-*56*** series)	NR
			Lite-On Technology Corporation	LTV-817M	Dti=0.5mm Int. , dcr=6.0mm dcr=8.0mm,thermal cycling test,110°C (U1 or U4) (U1 for GT*91099 series, U4 for GT*96600 series, U1 for GT*96600-*56*** series)	NR
3	6	Varistor	Thinking Electronic Industrial Co., Ltd.	TVR10471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0 MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	cURus
				TVR14471K		
			Centra Science Corp.	10D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0 MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	cURus
				14D471K		
			Success Electronics Co., Ltd.	SVR10D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0 MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	cURus
				SVR14D471K		
			Walsin Technology Co., Ltd.	14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0 MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	cURus
				10D471K		
			Lien Shun Electronics Co., Ltd.	14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0 MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	cURus
				10D471K		

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 Techn. Co., Ltd.	GNR10D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	cURus
				GNR14D471K	MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	
			Brightking (Shenzhen) Co., Ltd.	14D471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	cURus
				10D471K	MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	
			Joyin Co., Ltd.	JVR10N471K	Max. Continuous voltage: min 300Vac(rms), 85°C, The coating is V-0	cURus
				JVR14N471K	MOV1 or MOV (MOV/MOV1 for GT*91099 series, MOV1 for GT*96600 series and GT*96600-*56*** series)	
2	7	inlet CN1 Class I units	Zhejiang LECI Electronics Co., Ltd	DB-6	2.5A, 250Vac(C6 type)	cURus
			Rich Bay Co., Ltd.	R-30790	2.5A, 250Vac(C6 type)	cURus
			Sun Fair Electric Wire & Cable (HK) Co. Ltd.	S-02	2.5A, 250Vac(C6 type)	cURus
			TECX-UNIONS Technology Corporation	TU-333	2.5A, 250Vac(C6 type)	cURus
			Rong Feng Industrial Co., Ltd.	RF-190	2.5A, 250Vac(C6 type)	cURus
			Inalways Corporation	724	2.5A, 250Vac(C6 type)	cURus
			Zhe Jiang Bei Er jia	ST-A04-002	2.5A, 250Vac(C6 type)	cURus
			Shenzhen Delikang Electronics Technology Co. Ltd.	CDJ-2	2.5A, 250Vac(C6 type)	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	8	Appliance inlet CN1 class I and Class II with functional earth	Zhejiang LECI Electronics Co., Ltd.	DB-14	10A, 250Vac CN1 Class I units (C14 type)	cURus
			Rich Bay Co., Ltd.	R-301SN	10A, 250Vac CN1 Class I units (C14 type)	cURus
			Sun Fair Electric Wire & Cable (HK)Co. Ltd.	S-03	10A, 250Vac CN1 Class I units (C14 type)	cURus
			TECX-UNIONS Technology Corporation	TU-301-S	10A, 250Vac CN1 Class I units (C14 type)	cURus
				TU-301-SP		
			Rong Feng Industrial Co., Ltd.	SS-120	10A, 250Vac CN1 Class I units (C14 type)	cURus
			Inalways Corporation	0711	10A, 250Vac CN1 Class I units (C14 type)	cURus
10	9	Appliance inlet CN1 class I	Zhe Jiang Bei Er jia	ST-A01-003J	10A, 250Vac CN1 Class I units (C14 type)	cURus
			Zhejiang LECI Electronics Co., Ltd.	DB-8	10A, 250Vac (C8 type)	cURus
			Rich Bay Co., Ltd.	R-201SN90	10A, 250Vac (C8 type)	cURus
			Sun Fair Electric Wire & Cable (HK)Co. Ltd.	S-01	10A, 250Vac (C8 type)	cURus
			TECX-UNIONS Technology Corporation	SO-222	10A, 250Vac (C8 type)	cURus
			Rong Feng Industrial Co., Ltd.	RF-180	10A, 250Vac (C8 type)	cURus
			Inalways Corporation	0721	10A, 250Vac (C8 type)	cURus
10	10	Appliance inlet CON1 Class II units	Zhe Jiang Bei Er jia	ST-A03-005	10A, 250Vac (C8 type)	cURus
			Shenzhen Delikang Electronics Technology Co. Ltd.	CDJ-8	10A, 250Vac (C8 type)	cURus
			HCR ELECTRONICS CO., LTD	SK05	10A, 250Vac(C18 type)	cURus
			Rong Feng Industrial Co., Ltd.	SS-120	10A, 250Vac(C18 type)	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, 16	11	Input connector CN1	NELTRON INDUSTRIAL CO LTD	2114S	Min 250V; Min 5A; Flame class min. V-2;(For open frame)	cURus
			JOINT TECH ELECTRONIC INDUSTRIAL CO LTD	A7920 series A3960 series	Min 250V; Min 5A; Flame class min. V-2;(For open frame)	cURus
			ZHEJIANG HONGXING ELECTRICAL CO LTD	HX396XX-YYY series	Min 250V; Min 5A; Flame class min. V-2;(For open frame)	cURus
3	12	Earthing wire	KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model or class II +functional earth)	cURus
				1007		
				1185		
				3271		
				3266		
				1569		
			ZHUANG SHAN CHUAN ELECTRICAL PRODUCTS (KUNSHAN) CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model or class II +functional earth)	cURus
				1007		
				1185		
			DONGGUAN CHUANTAI WIRE PRODUCTS CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model or class II +functional earth)	cURus
				1007		
				1185		
				3271		
				3266		
				1569		
			YONG HAO ELECTRICAL INDUSTRY CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model)	cURus
				1007		
				1185		
				3271		
				3266		
				1569		
			DONGGUAN GUNEETAL WIRE & CABLE CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model or class II +functional earth)	cURus
				1007		
				1185		
			SHENG YU ENTERPRISE CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model or class II +functional earth)	cURus
				1007		
				1185		
			KUNSHAN XINGHONGMEN G ELECTRONIC CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model or class II +functional earth)	cURus
				1007		
				1185		
				3271		
				3266		
				1569		
			SUZHOU YEMAO ELECTRONIC CO LTD	1015	Min. 20 AWG, Min. 300V, Min. 80°C (for Class I model or class II +functional earth)	cURus
				1007		
				1185		

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
13, 14	13	Connection wiring	KUNSHAN NEW ZHICHENG ELECTRONICS TECHNOLOGIES CO LTD	1007	Min. 20 AWG, Min. 300V, Min. 80°C (encapsulated model)	cURus
				1015		
				2468		
				2464		
				1185		
			Various	Various	Min. 20 AWG, Min. 300V, Min. 80°C (encapsulated model)	cURus
1, 4, 8, 10	14	Output cord	Various	Various	Min. 24AWG, min. 300Vac, min. 80°C	cURus
3, 7	15	Heat-shrinkable tubing)	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	RSFR-H	600V, 125°C, thickness Min0.4mm, L 75mm (only for GTM91099 series is optional)	cURus
				RSFR		
				RSFR-HPF		
			QIFURUI ELECTRONICS CO	QFR-h	600V, 125°C, thickness Min0.4mm, L 75mm (only for GTM91099 series and is optional)	cURus
			DONGGUAN SALIPT CO LTD	SALIPT S-901-300	Min. 300V, 125°C Min0.4mm, L 75mm (only for GTM91099 series and is optional)	cURus
				SALIPT S-901-600		
			GUANGZHOU KAIHENG ENTERPRISE GROUP	K-2 (+) K-2 (CB)	Min. 300V, 125°C Min0.4mm, L 75mm (only for GTM91099 series and is optional))	cURus
1	16	Enclosure	SABIC INNOVATIVE PLASTICS B V	SE1X	PPE+PS, Min. V-1, Min. thickness: 2.0mm, 105°C	cURus
				SE1	PPE+PS, Min. V-1, Min. thickness: 2.0mm, 105°C	cURus
				SE100	PPE+PS, Min. V-1, Min. thickness: 2.0mm, 105°C	cURus
				CX7211	PC/ABS, Min. V-1, Min. thickness:2.0mm, 90°C	cURus
				945	PC, Min. V-1, Min. thickness: 2.0mm, 120°C	cURus
				HF500R	PC, V-0, Min. thickness:2.0mm, 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
			SABIC JAPAN L L C	945	PC, Min. V-1, Min. thickness: 2.0mm, 120°C	cURus
			TEIJIN CHEMICALS LTD	LN-1250G	PC, Min. V-0, Min. thickness: 2.0mm, 115°C	cURus
			CHI MEI CORPORATION	PA-765A	ABS, Min. V-0, Min. thickness: 2.0mm, 85°C	cURus
				PC-540	PC/ABS, Min. V-0, Min. thickness: 2.0mm, 70°C	cURus
5,9, 11, 13	17	Transformer	GlobTek	TF058	TF058 for GT*96600, 5V-8.9V	NR
				TF059	TF059 for GT*96600, 9V-15V	
				TF063	TF063 for GT*96600, 15.1V-20V	
				TF060	TF060 for GT*96600, 20.1V-28V	
				TF064	TF064 for GT*96600, 28.1V-40V	
				TF061	TF061 for GT*96600, 40.1V-54V	
				XF00794	XF00794 for GT*91099, 5V-9V	
				XF00694	XF00694 for GT*91099, 9.1V-15V	
				XF00695	XF00695 for GT*91099, 15.1V-24V	
				XF00731	XF00731 for GT*91099, 24.1V-48V	
				TF072	TF072 for GT*96600-*56*** (T1) (all type with GTX-130-TM)	
			HAOPUWEI	TF058	TF058 for GT*96600, 5V-8.9V	NR
				TF059	TF059 for GT*96600, 9V-15V	
				TF063	TF063 for GT*96600, 15.1V-20V	
				TF060	TF060 for GT*96600, 20.1V-28V	
				TF064	TF064 for GT*96600, 28.1V-40V	
				TF061	TF061 for GT*96600, 40.1V-54V	
				XF00794	XF00794 for GT*91099, 5V-9V	
				XF00694	XF00694 for GT*91099, 9.1V-15V	
				XF00695	XF00695 for GT*91099, 15.1V-24V	
				XF00731	XF00731 for GT*91099, 24.1V-48V	
				TF072	TF072 for GT*96600-*56*** (T1) (all type with ZT-130)	

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	18	Varnish	T-4260(a)	TAIHU INSULATING MATERIAL	130 °C.	cURus
17	19	Magnet wire	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	MW75C, 130 °C	cURus
				UEY-2	MW28-C, 130 °C	cURus
			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	MW 75-C, 130 °C	cURus
			SHANDONG SAINT ELECTRIC CO LTD	UEW/130	MW75#, 130 °C	cURus
			ZHEJIANG LANGLI ELECTRIC EQUIPMENTS CO LTD	UEW	MW 79#, 130 °C	cURus
			NINGBO JINTIAN NEW MATERIAL CO LTD	2UEW	MW 79#, 130 °C	cURus
54	20	Triple-insulated wire	Great Leoflon Industrial Co., Ltd.	TRW (B) Serie(s)	Class B, reinforced insulation (Secondary)	cURus
17	21	Bobbin	CHANG CHUN PLASTICS CO LTD	T375HF	V-0, 150°C, thickness 0,45 mm min.	cURus
			SUMITOMO BAKELITE CO LTD	PM-9820	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
18	22	Insulating tape	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350T-1	Min.130°C	cURus
			CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-XX	Min.130°C	cURus
18	23	PTFE tubing	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	WF	600V, 200oC	cURus
3,6	24	Insulating tape Used on HS1	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	1350F-1	1:Overall measured 40mm by 117mm, 0.05mm thick, 1 layers 2:25mm by 87mm, 0.025mm thick, 2 layers 3:20mm by 101mm, 0.025mm thick, 2 layers.(only for GTM96600 series)	cURus
				1350T-1		cURus
				44		cURus
			BONDTEC PACIFIC CO LTD	370S		cURus
			JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	PZ CT WF		cURus
			JINGJIANG JINGYI ADHESIVE PRODUCT CO LTD	JY25-A		cURus
			CHANG SHU LIANG YI TAPE INDUSTRY CO LTD	LY-XX		cURus
11	25	HS1	various	various	Aluminum Approximate overall dimension (42.9mm+23.5mm) x82mm , 2.0mm thick.(for GTM96600 series)	NR
5	26	HS2	various	various	Aluminum Approximate overall dimension (103.5mm+14.5mm) x24.3mm, 2.0mm thick.(for GTM96600 series)	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
41	27	Bleeder Resistor R10,R11	Yageo Components (Suzhou)	RV1206	R10:100KΩ, R11:47KΩ (for GTM96600 series)	cURus
			TZAI YUAN ENTERPRISE CO LTD	HSMD OR SMD	R10:100KΩ, R11:47KΩ (for GTM96600 series)	cURus
			Viking Tech Corporation Kaoshiung Branch	HVRC12	R10:100KΩ, R11:47KΩ (for GTM96600 series)	cURus
			TY-Ohm Suzhou Electronic Works Co. Ltd	RT	R10:100KΩ, R11:47KΩ (for GTM96600 series)	cURus
			Ralec Electronic corp	RTV06	R10:100KΩ, R11:47KΩ (for GTM96600 series)	cURus
			Thick Film High-Voltage Chip Resistor	RVS-06#XXXFT series	R10:100KΩ, R11:47KΩ (for GTM96600 series)	cURus
			WALSIN TECHNOLOGY CORP	WF12N	R10:100KΩ, R11:47KΩ (for GTM96600 series)	cURus
41	28	D2/D3	YANGZHOU HYTECHNOLOGY	S1ML	Min.1000V Min.1A (for GTM96600 series)	cURus
			various	various	Min.1000V Min.1A (for GTM96600 series)	cURus
41	29	U1	NXP Semiconductor Taiwan Ltd	TEA18362T	Vcc: Min 30V (for GTM96600 series)	cURus
5	30	BD1	YANGZHOU HONGYANG ELECTRONIC., LTD	KBL406	4A, 600V (for GTM96600 series)	NR
			various	various	Min. 4A, Min. 600V (for GTM96600 series)	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
5	31	Q1	Oriental semiconductor	OSG65R760 F	7A, 650V (for GTM96600 series)	NR
			SILIKRON	SSF7NS65U F	7A, 650V (for GTM96600 series)	NR
			various	various	7A, 650V (for GTM96600 series)	NR
5	32	Bulk Cap C1	AISHI	WH	120uF, 400V, 105°C (for GTM96600 series)	NR
			SAMXON	KM	120uF, 400V, 105°C (for GTM96600 series)	NR
			TEAPO	SH	120uF, 400V, 105°C (for GTM96600 series)	NR
			various	various	120uF, Min. 400V, 105°C (for GTM96600 series)	NR
			AISHI	WH	120uF, 400V, 105°C (for GTM96600 series)	NR
5	33	Choke LF1	HEJIA	GTM91099-LF1	Min 200uH (for GTM96600 series)	NR
5	34	Choke LF2	HAOPUWEI	NF00031	Min10mH for (GTM96600 series)	NR
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 - See insulation diagram in section 7.0

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 3 and 4.

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 not provided with a 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 points where 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.

9. Markings - The product is marked as follows:

1. Brand name: refer to sec. 2.0
2. Model number: refer to sec. 2.0
3. Ratings: refer to sec. 2.0
4. Manufacturer: refer to sec. 1.0

7.0 Illustrations

Illustration 1 - Spacings

TABLE: INSULATION DIAGRAM(GT*91099-***,**series)										P
Area	Number and type of Means of Protection: MOOP, MOPP	CTI	Working voltage		Required creepage (mm)	Required clearance (mm)	Measured creepage (mm)	Measured clearance (mm)	Remarks	
			V _{nom}	V _{set}						
Encapsulated type only:										
For class I and II construction										
A	1MOOP	IIIb	240	—	3.0	2.1	6.4	6.4	Line – Neutral before fuse 1)	
E	1MOPP	IIIb	240	—	4.0	2.9	6.1	2.9	CY1 pin1 – trace 1) 3)	
F	1MOPP	IIIb	240	—	4.0	2.9	6.1	6.1	Trace – CY2 pin 2 1)	
C	2MOPP	IIIb	240	—	8.0	5.7	12.3	7.2	U1 pin pin – sec. pin 1) 3)	
C	2MOPP	IIIb	312	—	12.0	8.0	13.1	9.9	T1 pin pin – sec. RS29 1) 3)	
C	2MOPP	IIIb	312	—	12.0	8.0	18.0	18.0	T1 pin winding /core – sec. pin ***)	
D	—	—	—	—	—	—	4)	4)	4)	
B	—	—	—	—	—	—	5)	5)	5)	
Open frame type only:										
For class II construction										
A	1MOOP	IIIb	240	340	3.0	2.1	6.4	6.4	Line – Neutral before fuse 1)	
E	1MOPP	IIIb	240	352	4.0	2.9	6.1	2.9	CY1 pin1 – trace 1) 3)	
F	1MOPP	IIIb	240	352	4.0	2.9	6.1	6.1	Trace – CY2 pin 2 1)	
C	2MOPP	IIIb	240	384	8.0	5.7	12.3	7.2	U1 pin pin – sec. pin 1) 3)	
C	2MOPP	IIIb	312	544	12.0	8.0	13.1	9.9	T1 pin pin – sec. RS29 1) 3)	
C	2MOPP	IIIb	312	544	12.0	8.0	18.0	18.0	T1 pin winding /core – sec. pin ***)	
For class I construction, difference with class II construction only										
B	1MOPP	IIIb	240	340	4.0	2.9	4.7	4.7	Line/Neutral – PE terminal trace (for Class I) (floating for class II, shall be evaluated in end product) 1)	
External/Desktop type only:										
For class II construction										
A	1 MOOP	IIIb	240	340	3.0	2.1	6.4	6.4	Line – Neutral before fuse 1)	
D	2 MOPP	IIIb	240	340	8.0	5.7	13.4	13.4	HS1 pin to external accessible part through seam 2)3) *)	
C	2 MOPP	IIIb	240	352	8.0	5.7	12.2	9.0	CY1 pin1 – CY2 pin 2 1) 3)	
C	2 MOPP	IIIb	240	384	8.0	5.7	12.3	7.2	U1 pin pin – sec. pin 1) 3)	
C	2 MOPP	IIIb	312	544	12.0	8.0	13.1	9.9	T1 pin pin – sec. RS29 1) 3)	
C	2 MOPP	IIIb	312	544	12.0	8.0	18.0	18.0	T1 pin winding /core – sec. pin ***)	
For class I construction, difference with class II construction only										
B	1MOPP	IIIb	240	340	4.0	2.9	5.2	5.2	Line/Neutral – PE terminal 2)	
B	1MOPP	IIIb	240	340	4.0	2.9	9.0	9.0	CY1, CY2 to PE(CY2 sec. pin) 1)	

7.0 Illustrations

Illustration 2 - Spacings (Cont.)

TABLE: INSULATION DIAGRAM (GT*96600-***-** series, GT*96600-*56***)									P
Area	Number and type of Means of Protection: MOOP, MOPP	CTI	Working voltage		Required creepage (mm)	Required clearance (mm)	Measured creepage (mm)	Measured clearance (mm)	Remarks
			V_{wsk}	V_{sk}					
A	1MOOP	IIIb	240	340	2.96 ⁷	2.96 ¹	6.4	6.4	Opposite polarity of mains part
B	1MOPP	IIIb	240 ³	--	4.0 ²	3.225 ¹	4.8	4.8	Line/Neutral to PE terminal trace (for Class I) (floating for class II, shall be evaluated in end product) ⁸
C	2MOPP	IIIb	240 ³	--	7.84 ²	6.45 ¹	8.8 ⁴	7.8 ⁴	Mains part to secondary circuits
C	2MOPP	IIIb	240 ³	--	7.84 ²	6.45 ¹	8.2 ⁵	7.4 ⁵	Mains part to secondary circuits (Transformer)
C	2MOPP	IIIb	240 ³	--	7.84 ²	6.45 ¹	8.2	8.2	Mains part to secondary circuits (Along PCB trace)
D	2MOOP	IIIb	240	340	5.92 ⁷	5.92 ¹	9	9	Internal mains part to accessible outer enclosure
E	1MOPP	IIIb	240 ³	--	4.0 ²	2.9 ¹	5.2	5.2	Mains part to secondary circuits (Y capacitor)
F	1MOPP	IIIb	240 ³	--	4.0 ²	2.9 ¹	5.2	5.2	Mains part to secondary circuits (Y capacitor)

7.0 Illustrations

Illustration 3 - Spacings (Cont.)

TABLE: INSULATION DIAGRAM (GTM96600-6019-T3)									P
Area	Number and type of Means of Protection: MOOP, MOPP	CTI	Working voltage		Required creepage (mm)	Required clearance (mm)	Measured creepage (mm)	Measured clearance (mm)	Remarks
			Vrms	Vpk					
A	1MOOP	IIIb	240	340	2.96 ⁷	2.96 ¹	8.4	8.4	Opposite polarity of mains part
B	1MOPP	IIIb	240 ³	340	4.00 ²	3.225 ¹	5.2	5.2	Line/Neutral to PE terminal trace
C	2MOPP	IIIb	240 ³	340	7.90 ²	6.45 ¹	9.2	7.6	Mains part to secondary circuits (Optocoupler)
C	2MOPP	IIIb	302 ³	568	11.7	11.7	12	12	Mains part to secondary circuits (Transformer)
C	2MOPP	IIIb	240 ³	351	8.0	6.50 ¹	8.4	8.4	Mains part to secondary circuits (Along PCB trace)
D	2MOPP	IIIb	240	340	7.90 ²	6.45 ¹	13	13	Internal mains part to accessible outer enclosure
E	1MOPP	IIIb	240 ³	340	4.00 ²	3.225 ¹	4.5	4.5	Under CY1
F	1MOPP	IIIb	240 ³	340	4.00 ²	3.225 ¹	4.5	4.5	Under CY2
E	1MOPP	IIIb	240 ³	340	4.00 ²	3.225 ¹	4.5	4.5	Mains part (Heatsink HS1) to Functional Earth wire terminal
F	1MOPP	IIIb	240 ³	340	4.00 ²	3.225 ¹	4.3	4.3	Functional Earth wire terminal to Secondary part (CY2 secondary pin)

7.0 Illustrations

Illustration 4 - Model list

Model list:

GT*96600--T2/T2A/T3/T3A/T2L/T2AL/T3L/T3AL/P2/P3/TP/TP3/TW/TW3* Desktop models or Encapsulated**

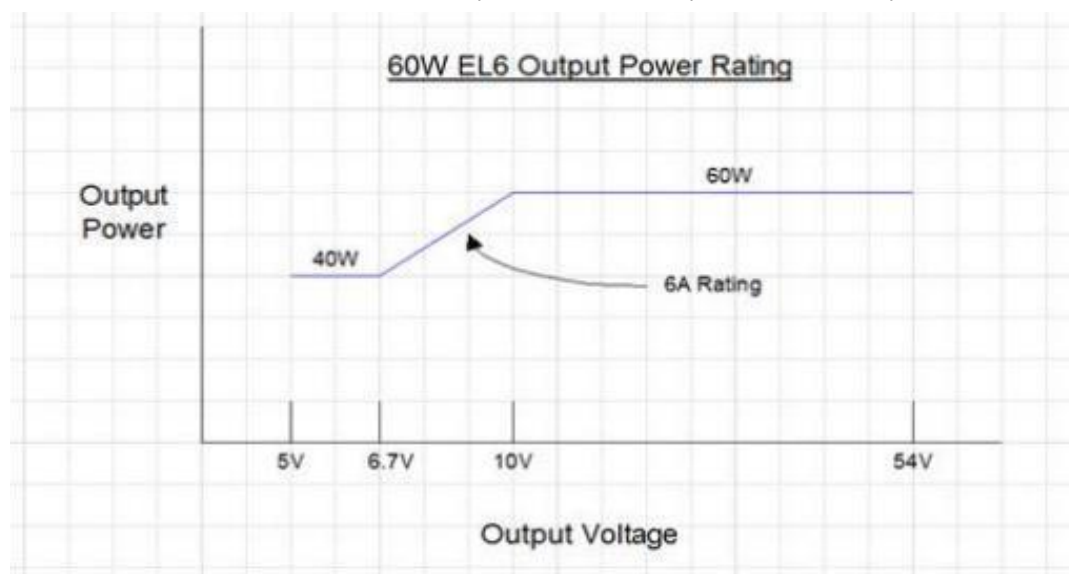
Model	Output Voltage	Max. output current	Max. output power
GT*96600-**-T2/T2A/T3/T3A/T2L/T2AL/T3L/T3AL/P2/P3/TP/TP3/TW/TW3*	5-6.7VDC	8A	40W
GT*96600-**-T2/T2A/T3/T3A/T2L/T2AL/T3L/T3AL/P2/P3/TP/TP3/TW/TW3*	6.8-11VDC	6A	60W
GT*96600-**-T2/T2A/T3/T3A/T2L/T2AL/T3L/T3AL/P2/P3/TP/TP3/TW/TW3*	11.1-54VDC	5.42A	65W

GT*96600-*56-T2/T2A/T3/T3A-AP/PP/SP* Desktop models

GT*96600-*56-T2/T2A/T3/T3A-AP/PP/SP*	56VDC	1.25A	70W
--------------------------------------	-------	-------	-----

GT*96600-**-R2/R3A*External/Hybrid models

Model	Output Voltage	Max. output current	Max. output power
GT*96600-**-R2/R3A	5-6.7VDC	8A	40W
GT*96600-**-R2/R3A	6.8-11VDC	6A	60W
GT*96600-**-R2/R3A	11.1-54VDC	5.42A	65W



GT*91099-***-T2/T2A/T3/T3A/F/FW/P2/P3*External/Hybrid desktop or Open Frame or Encapsulated

Model	Output Voltage	Max. output current	Max. output power
GT*91099-*09*-T2/T2A/T3/T3A/F/FW/P2/P3*	5-9VDC	6A	50W
GT*91099-*15*-T2/T2A/T3/T3A/F/FW/P2/P3*	9.1-15VDC	6A	60W
GT*91099-*24*-T2/T2A/T3/T3A/F/FW/P2/P3*	15.1-24VDC	4A	60W
GT*91099-*48*-T2/T2A/T3/T3A/F/FW/P2/P3*	24.1-48VDC	2.5A	60W

Note: For 91099series, T2A model use C8 inlet.

Alternate Rating:

For models GTM96600-2005-R2 / GTM96600-2005-R3A: output 5VDC, 4.0A at Tma=70 Deg.C;

For models GTM96600-2412-R2 / GTM96600-2412-R3A: output 12VDC, 2.0A at Tma=70 Deg.C;

For models GTM96600-2436-R2 / GTM96600-2436-R3A: output 36VDC, 0.66A at Tma=70 Deg.C;

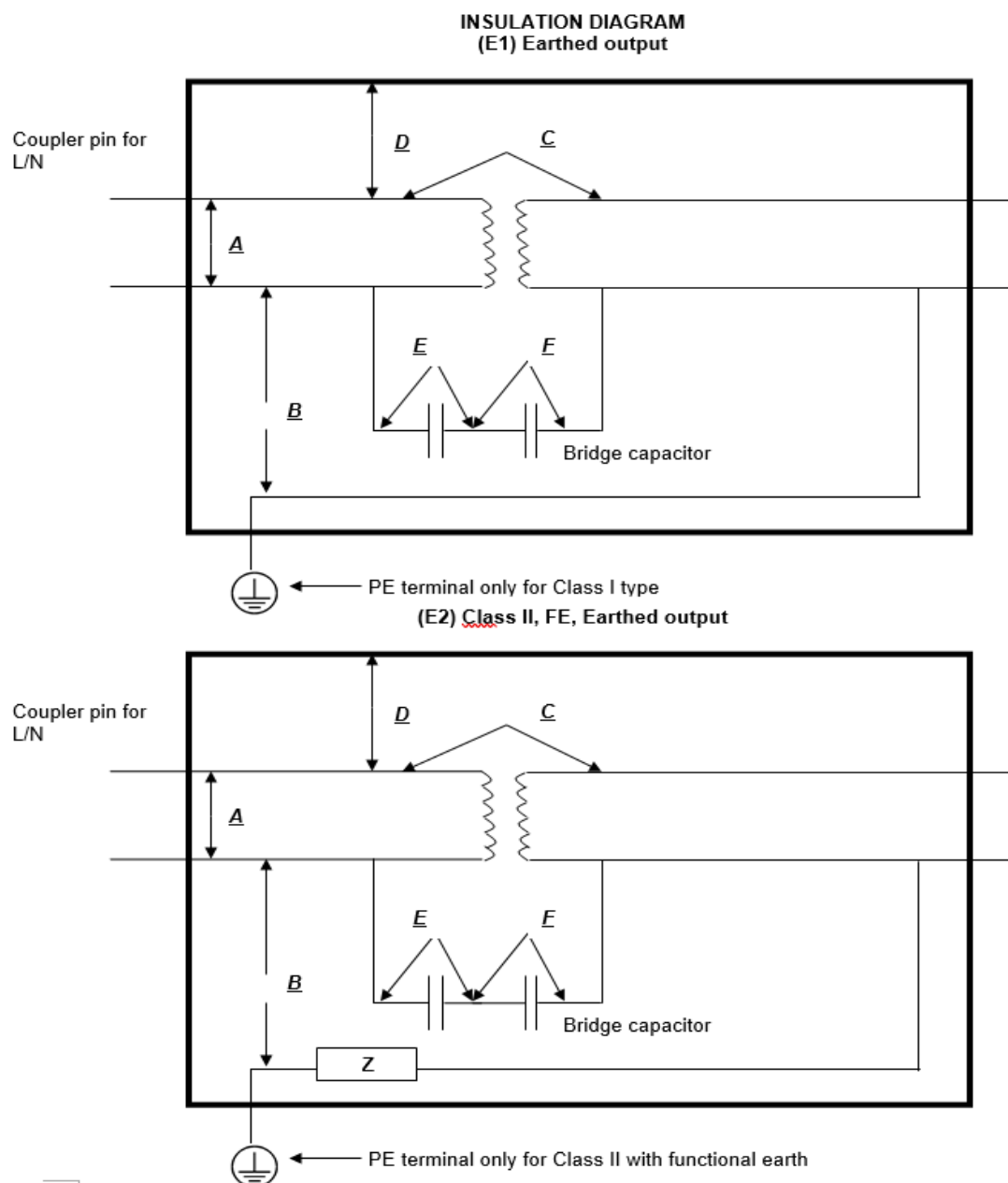
For models GTM96600-2448-R2 / GTM96600-2448-R3A: output 48VDC, 0.5A at Tma=70 Deg.C;

For models GTM96600-2454-R2 / GTM96600-2454-R3A: output 54VDC, 0.44A at Tma=70 Deg.C;

For models GT-96600-7056-T3-AP/ GT-96600-7056-T2-AP: output 56VDC, 1.25A at Tma=40 Deg.C;

7.0 Illustrations

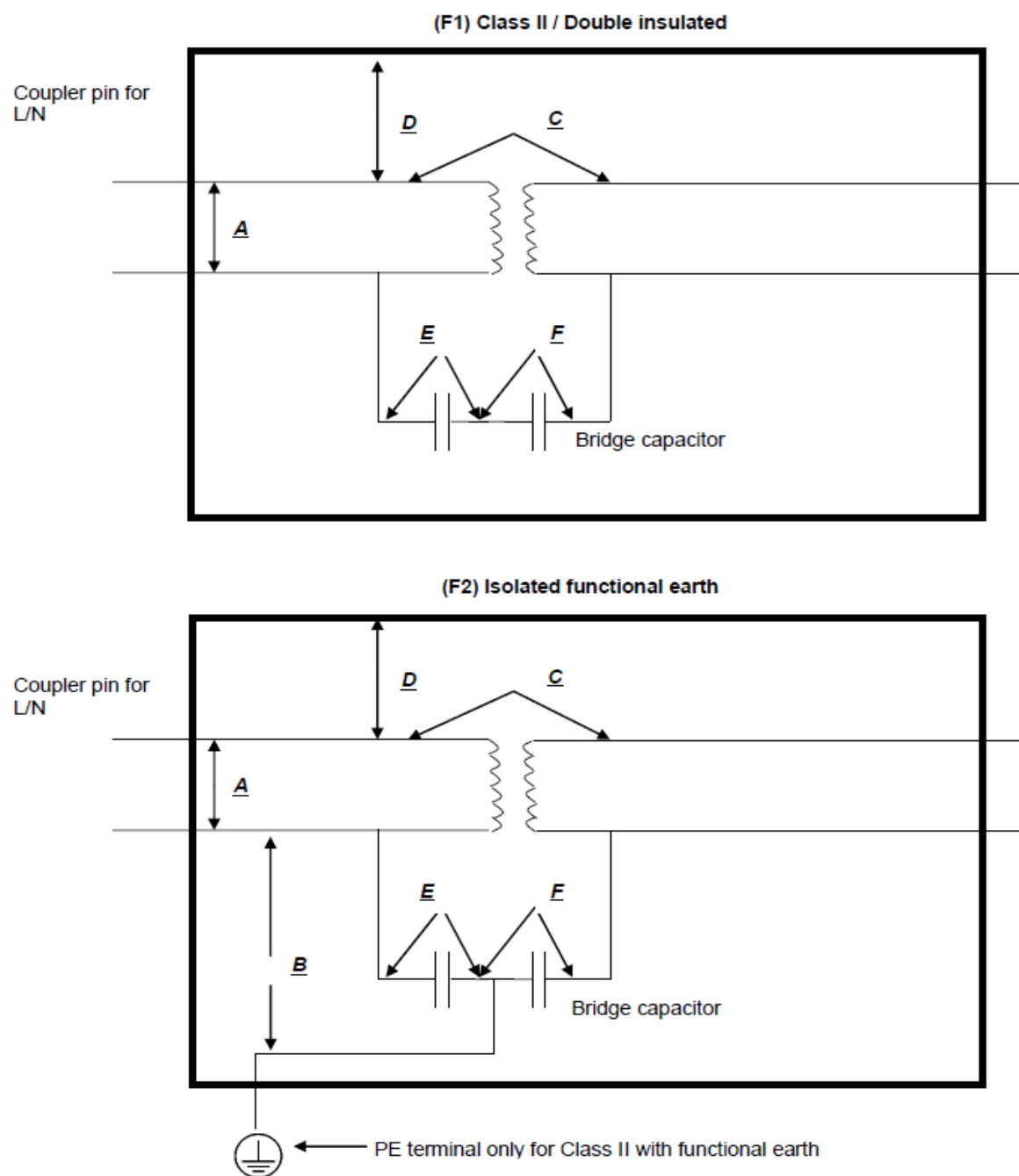
Illustration 11 - Spacings (Cont.)



For Model GTM96600-6019-T3 structure: use this diagram (F2)

7.0 Illustrations

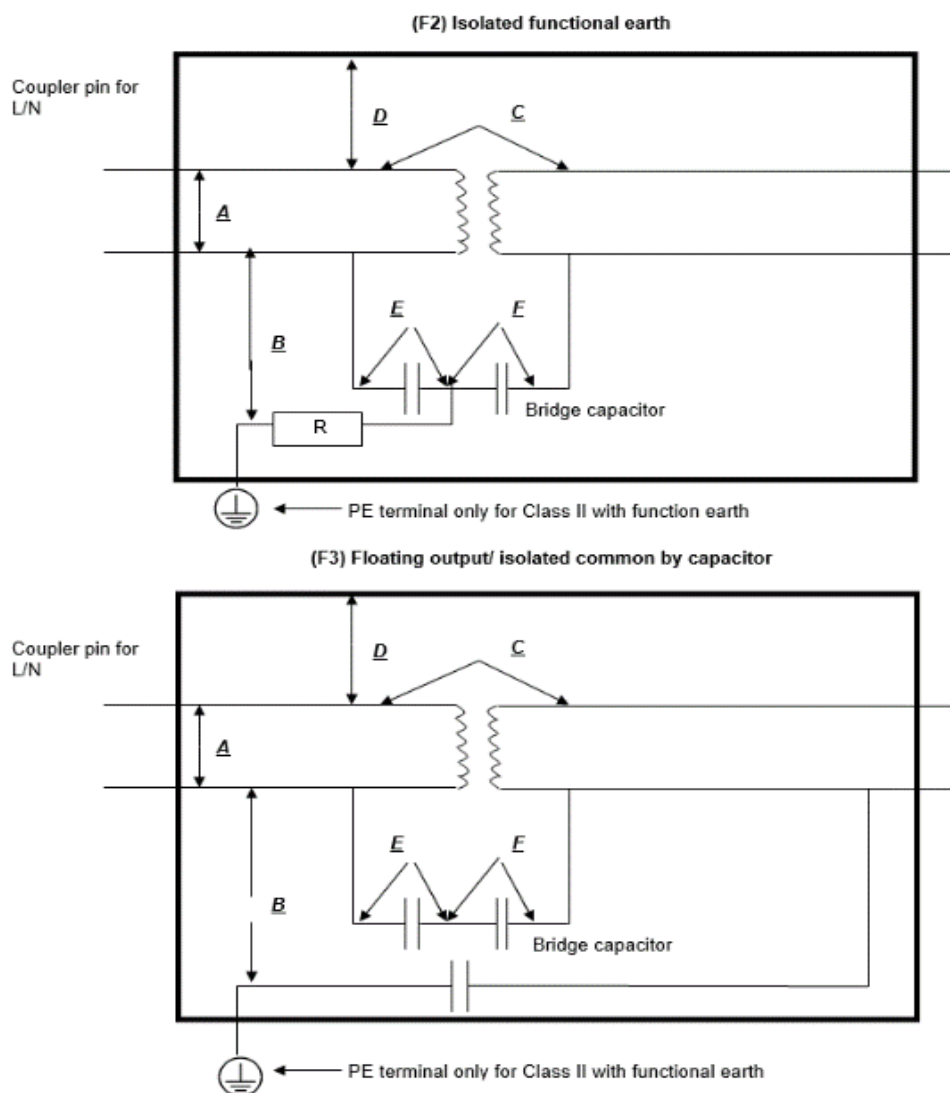
Illustration 12 - Spacings (Cont.)



For Model GTM96600-6019-T3 structure: use this diagram (F2)

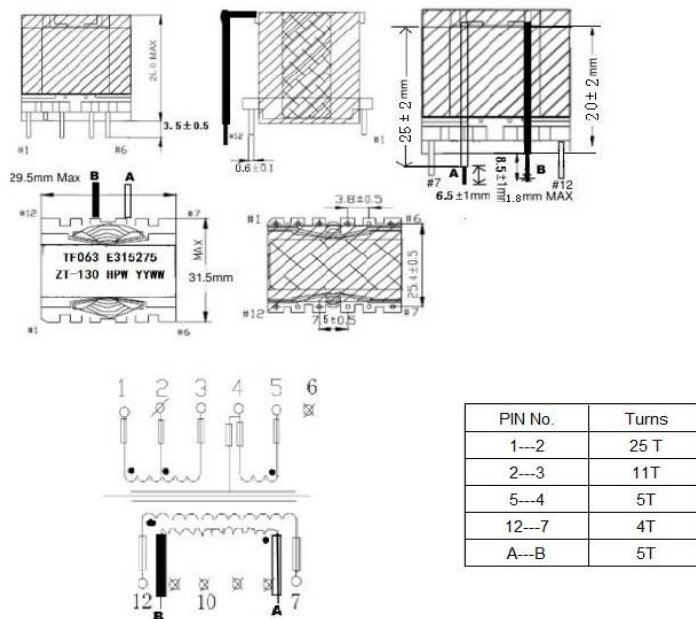
7.0 Illustrations

Illustration 13 - Spacings (Cont.)



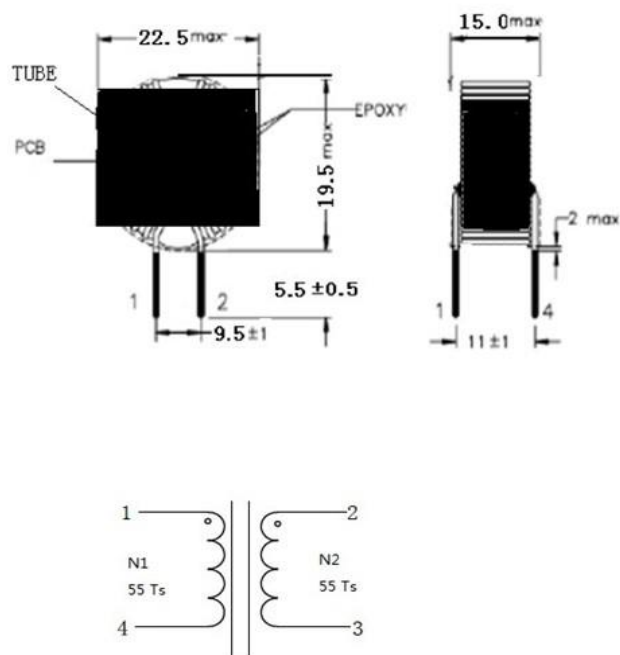
7.0 Illustrations

Illustration 14 - Transformer TF063



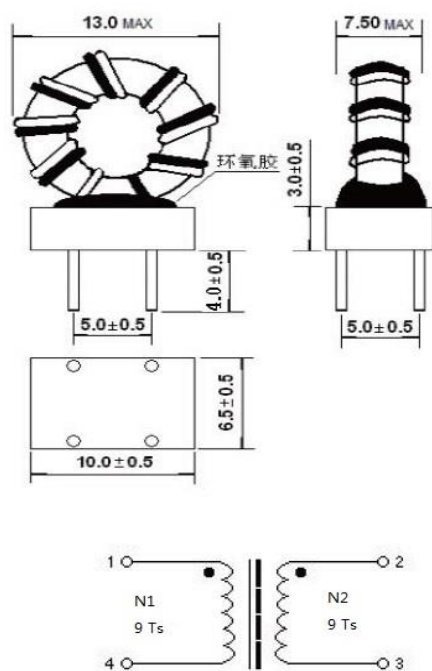
7.0 Illustrations

Illustration 15 - LF2



7.0 Illustrations

Illustration 16 - LF1



8.0 Test Summary			
Evaluation Period	2022-May-18 to 2022-May-25		Project No. 220500287SHA
Sample Rec. Date	7-Mar-2018	Condition	Prototype
Sample ID.	0220509-106-001		
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	ANSI/AAMI ES60601-1:2005+A1;A2 CSA C22.2#60601-1:2014 Ed.3+A2 Clause		
Power Input	4.11		
Humidity Preconditioning	5.7		
Accessible Parts	5.9.2		
Legibility of Markings	7.1.2		
Durability of Markings	7.1.3		
Plug Voltage and/or Energy	8.4.3		
Working Voltage Measurement	8.5.4		
Impedance and current-carrying capability	8.6.4		
Leakage Current Test terminations	8.7.4		
Dielectric Strength Means	8.8.3		
Ball Pressure Test	8.8.4.1		
Creepage & Clearance Measurements	8.9.4		
Instability—overbalance excluding transport position	9.4.2.2		
Excessive Temperature	11.1		
Single Fault Conditions	13.2		
Push Test	15.3.2		
Impact Test	15.3.3		
Drop Test	15.3.4		
Mold Stress Relief	15.3.6		
Transformer Short-Circuit	15.5.1.2		
Transformer Overload	15.5.1.3		
Transformer Dielectric Strength	15.5.2		
Test Description	IEC 60601-1-11:2015 Ed.2+A1 Clause		
Environmental condition test of transport and storage	4.2.2		
Continuous operating conditions	4.2.3.1		
Shock test	10.1.2 a)		
Test Description	IEC 60601-1-6:2010 Ed.3+A1;A2 Clause		
None			

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:	Vivian Xu	Reviewed by:	Larry Zhong
Title:	Project engineer	Title:	Project reviewer
Signature:	<i>Vivian Xu</i>	Signature:	<i>Larry Zhong</i>

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 Drive NORTHVALE NJ 07647
Country	USA
Product	Medical 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.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

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. Emiliana Zhou

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:

<u>Product</u>	<u>Test Voltage</u>	<u>Test Time</u>
All the product covered by this report Between L/N and secondary output for Class II and open frame model	4000VAC	1s
All the product covered by this report Between L/N and secondary output(earthing) for Class I model	1500VAC	1s
<u>Product- One sample from each shipment of Section 4.0 item 16:</u>	<u>Test Voltage</u>	<u>Test Time</u>
Between primary circuit and secondary output	4000VAC	1min
Between secondary circuit and core	4000VAC	1min

The following changes are in compliance with the declaration of Section 8.1:

ED 16.3.15 (1-Jul-2022) Mandatory