

PRODUCT		Energy Saving Lamp			
MODEL					
COMPONENT		MANUFACTURER	MODEL	RATING S	UL FILE NO.
1	PCB	FAI WONG ELECTRONIC P C B CO	FR-4	94V-0 130 ℃	E171766
		JIANGMEN CITY PCB FACTORY	CEM-1	94V-0 130 ℃	E207494
2	Transistor(Q 1,Q2)	SHENZHEN STANDING	TO-251 STD4NK50Z	500V,3A -55to150℃	
3	Integrate circuit(U1)	International IR Rectifier	IR2153D(DIP)	-55to150℃	
4	Bridge Rectifiers (D1)	ELECTRONICS INDUSTRY PUBLIC COMPANY LIMITED	MBF	1A,400V	
5	Electrolyte Capacitor(C 10)	HUNAN AIHUA TECHNOLOGY GROUP	47μF/25V Φ5×10(mm)	105℃ 25V	
7	X2(C1.C3)	TENTA ELECTRIC INDUSTRIAL CO LTD	104K/275VAC	Capacitor, Type MEX	E186475
		Sichuan zhongxing electronics co.,Ltd.	104K/275VAC	Capacitor, Type MEX	E217215
8	Electrolyte Capacitor(C 12,C13)	HUNAN AIHUA TECHNOLOGY GROUP	1μF/100V Φ5×10(mm)	105℃ 100V	
9	Capacitor(C 4)	GUANGDONG FENGHUA ADVANCED TECHNOLOGY(HOLDI NG)CO.,LTD	SMD 1206 ±10%	220nF/50V	
10	Capacitor(C 5)		SMD 1206 ±5%	330nF/50V	
11	Capacitor(C 6)		SMD 1206 ±5%	1nF/100V	
12	Diode(D4,D 5)	REPOWER ELECTRONICS	SMD FR107 DO- 214AC	1A, 1000V -55to150℃	
13	ZENER DIODES(D3)	GUANGDONG FENGHUA ADVANCED TECHNOLOGY(HOLDI NG)CO LTD	SMD Mini MELF	15V 1/2W -65to175℃	
14	Capacitor(C 9)	Sichuan zhongxing electronics co.,Ltd.	P=10mm	3.9nF,1000 V	
		YINYAN ELECTRONICS co.,Ltd.	P=10mm	3.9nF,1000 V	
		SHEN ZHEN XIN GUANG DIAN CAPACITOR co.,Ltd.	P=10mm	3.9nF,1000 V	

THE “UL+CUL” CERTIFICATE DOCUMENT

COMPONENT LIST I - I I		Model NO. : SA418D			
		Version : A/0, Pages : 5/6			
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15	Capacitor(C2,C7,C8)	Sichuan zhongxing electronics co.,Ltd.	P=10mm	100nF,400V	
		YINYAN ELECTRONICS co.,Ltd.	P=10mm	100nF,400V	
		SHEN ZHEN XIN GUANG DIAN CAPACITOR co.,Ltd.	P=10mm	100nF,400V	
16	Capacitor(C11)	Sichuan zhongxing electronics co.,Ltd.	P=10mm	1nF,400V	
		YINYAN ELECTRONICS co.,Ltd.	P=10mm	1nF,400V	
		SHEN ZHEN XIN GUANG DIAN CAPACITOR co.,Ltd.	P=10mm	1nF,400V	
17	Resistor(R2,R3)	GREAT LAND OHM ENTERPRISE co.,Ltd.	SMD 1206±5%	51K,0.25W	
		FENGHUA ADVANCED TECHNOLOGY (HOLDING) co.,Ltd.	SMD 1206±5%	51K,0.25W	
		Dong Guan FUDE Electron Co.,Ltd.	SMD 1206±5%	51K,0.25W	
18	Resistor(R4)	LEONIAN ELECTRONICS LILITED	SMD 1206±1%	15K 0.25W	
		FENGHUA ADVANCED TECHNOLOGY (HOLDING) co.,Ltd.	SMD 1206±1%	15K 0.25W	

		Dong Guan FUDE Electron Co.,Ltd.	SMD 1206±1%	15K 0.25W	
19	Resistor(R5, R6)	GREAT LAND OHM ENTERPRISE CO., LTD	SMD 1206±5%	20R,0.25W	
		FENGHUA ADVANCED TECHNOLOGY (HOLDING) co.,Ltd.	SMD 1206±5%	20R,0.25W	
		Dong Guan FUDE Electron Co.,Ltd.	SMD 1206±5%	20R,0.25W	
20	Resistor(R7, R8)	LEONIAN ELECTRONICS LILITED	SMD 1206±1%	1R,0.25W	
		FENGHUA ADVANCED TECHNOLOGY (HOLDING) co.,Ltd.	SMD 1206±1%	1R,0.25W	
		Dong Guan FUDE Electron Co.,Ltd.	SMD 1206±1%	1R,0.25W	
20	Resistor(R0, R1)	Hong kong ersistors manufactory	SMD 1812±5%	220R0.5W	
21	Power Wire(OV1, OV2)	Dong Guan Nissei Electric Co.,Ltd.	24# 3239 6KV	150℃, 600Vac	E214184
		QIFURUI ELECTRONICS CO	24# 3239 6KV	150℃, 600Vac	E211048
22	Power Wire(L,N)	LOCK INSPECTION SYSTEMS LTD	22# 3239 6KV	150℃, 600Vac	E207912
23	Fuse(F1)	SHENZHEN LANSON ELECTRONICS Co.,Ltd	Φ3.6×10 (mm)	1A, 250V	E221465
		XC Electronics (Shen zhen) Co.,Ltd.	Φ3.6×10 (mm)	1A, 250V	E310087
24	Heat- Shrinkable Tubing	DONGGUAN YONGCHANG ELECTRONIC	φ4mm	125 ℃,600Vac	
		TAIWAN YUN LIN ELECTRONIC Co.,Ltd.	φ4mm	125 ℃,600Vac	E255532
25	Glue	SHENZHEN GELLE INDUSTRY CO LTD	GO-1700-1		E241402
26	Transformer (T3)	SHENZHEN GAOSHENFJIE ELECTRONIC., LTD	EF20 60:1200	150℃	
27	EMC Inductor(T1)		UU9.8	150℃	

28	Inductor(L1)		EE16 0.68mH	150℃	
29	EMC Inductor(T2)	Panasonic	EMC 25mH 0.5A(ELF18D270J)	150℃	