

Description	Ref	Component	Manufacturer
A. Electrical parts			
E-Cap	C1	33uF 35V ±20% 105°C D6.3 L7 F2.5	SAMXON or LM or equivalent
Metallized polyester cap	C3	0.22uF 63V ±5% D7.2 F5	EPCOS or SAMWHA or equivalent
Thermal fuse	TCO	250VAC 2A 115°C RAD	PANASONIC or equivalent
PCB	PCB	FR-1, 94V-0, 1oz copper, THK:1.6mm 33x33mm	JUNDA
Transistor	Q1	NPN 160V 1A KSC2383YBU TO-92L	FAIRCHILD
SMD cap	C4	100nF 50V ±10% X7R 0805	KEMET or YAGEO/PHYCOMP or equivalent
SMD cap	C2A, C2B, C2C	1uF 16V ±10% X7R 1206	KEMET or YAGEO/PHYCOMP or equivalent
SMD resistor	R1	10K 1/4W ±1% 1206	ROYAL OHM or HK resistor or equivalent
SMD resistor	R2	1.1K 1/4W ±1% 1206	ROYAL OHM or HK resistor or equivalent
SMD resistor	R6A, R6B	8.2R 1/4W ±1% 1206	ROYAL OHM or HK resistor or equivalent

B. Mechanical parts			
Adhesive		SEALER MAXBOND HIGH-ADHESIVITY 1603HFR-HS	MAXBOND
Heat transfer oil		HTC-01K ELECTROLUBE	HTC
Teflon tube		AWG#17 2T-TFT-17 TRANSPARENT	P.LEO
Magnet		N35 10.16x5.08x2.54 (RED NORTH SYMBOL)	MARKETA
Contact plate		MAT'L:0.3mm PHOS.BRONZE PLATED NICKEL	GOLD HONEST
Contact pin		MAT'L:PHOSPHRNS COPPER(N.P.)	GOLD HONEST
Holder		STARWHITE STAINLESS STEEL THK.:0.3mm	GOLD HONEST
Upper case		SW-01+UV stabilizer MAT'L: ABS 717C WHITE	SHEK FAI
Lower case		SW-01+UV stabilizer MAT'L : ABS 717C WHITE	SHEK FAI

C. Inductor			
Tape		WIDTH 4mm (35660Y) YELLOW	SYMBIO
Epoxy		EPOXY 6020H	SHAW HUOW
Square pin		DIA. 0.6mm	TOP FORTUNE
Bobbin		MAT'L:PET	SHEK FAI
Copper wire		SWG#32 ϕ 0.27mm 2-UEW GOLD	TAI-I or CHIN YIH or equivalent
Ferrite core		UU1620S SM-70S 16x10x6	SAMWHA