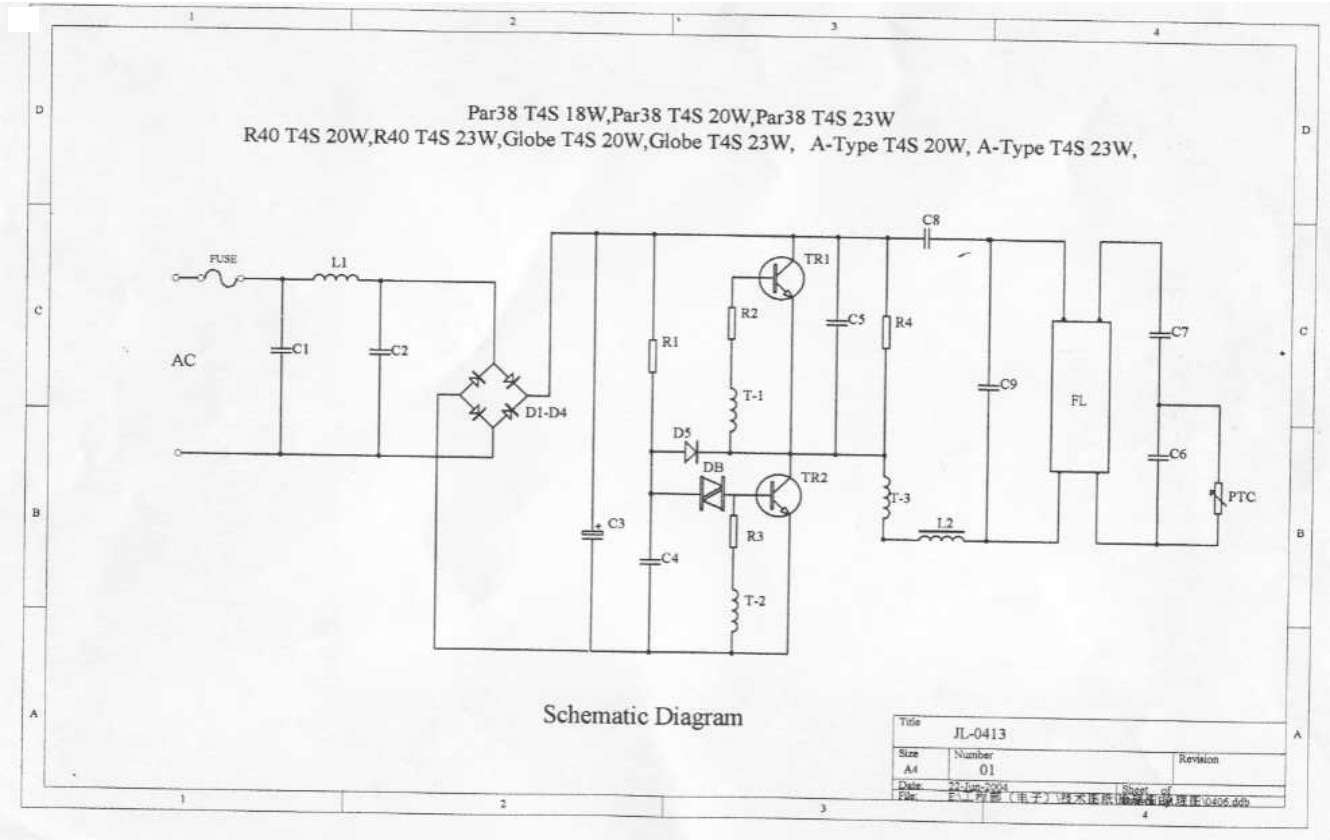
Schematics


Par38 T4S 18W,Par38 T4S 20W,Par38 T4S 23W
R40 T4S 20W,R40 T4S 23W,Globe T4S 20W,Globe T4S 23W, A-Type T4S 20W, A-Type T4S 23W,
FUSE
L1
AC
C1
C2
D1-D4
C3
C4
R1
R2
T-1
D5
DB
TR1
TR2
C5
R3
T-2
C8
R4
T-3
L2
C9
FL
C7
C6
PTC
Schematic Diagram
Title
JL-0413
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A4
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APPENDIX

FORM OF COMPONENTS

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY		
			Par38 T4S 18W	Par38 T4S 20W	Par38 T4S 23W
TR1	TRANSISTOR	Ic≥3.0A Vceo≥200V Pcm≥40W Tj=150℃	2	2	0
TR2	TRANSISTOR	Ic≥5.0A Vceo≥200V Pcm≥75W Tj=150℃	0	0	2
D1～D5	DIODE	PRV=1000V Io=1.0A	5	5	5
DB	TRIGGER DIODE	Vbo=28V~36V Itrm=2A Tj= -40℃~+100℃	1	1	1
R1、R4	RESISTOR	330KΩ , 1/4W	2	2	2
R2、R3	RESISTOR	10Ω , 1/4W	2	2	2
PTC	THERMISTOR	MAX. VOLTAGE≥600V ,SWITH TEMP.=75℃	1	1	1
C1、C2、C8	CAPACITOR	47nF , 400V	3	3	3
C3	ELECTROLYTIC CAPACITOR	15uF , 200V 105℃	1	0	0
	ELECTROLYTIC CAPACITOR	22μF , 200V 105℃	0	1	1
C4	CAPACITOR	22nF , 100V	1	1	1
C5	CAPACITOR	1.5nF , 1KV	1	1	1
C6	CAPACITOR	4.7nF , 630V	1	1	1
C7	CAPACITOR	8.2nF , 630V	1	1	1
C9	CAPACITOR	4.7nF , 1KV	1	1	1
L1	INDUCTOR	Φ8×10 NO. OF TURNS=215T	1	1	1
L2	INDUCTOR	EE19 NO. OF TURNS=158T	1	1	1
T-1、T-2、T-3	MAGNETIC RING	Φ8×4×2	1	1	1
S	SOCKET	E26 BRASS PLATED WITH NICKEL	1	1	1
T	GLASS TUBE	18W	1	0	0
	GLASS TUBE	20W	0	1	0
	GLASS TUBE	23W	0	0	1
W1	ENAMELLED COPPER WIRES FOR L1	Φ0.21mm 130℃	1	1	1
W2	ENAMELLED COPPER WIRES FOR L2	Φ0.14×5mm 130℃	1	1	1
W3	ENAMELLED COPPER WIRES FOR MAGNETIC RING	Φ0.27mm 130℃	1	1	1

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY		
			Par38 T4S 18W	Par38 T4S 20W	Par38 T4S 23W
FUSE	FUSE	FAP 125V, 1A	1	1	1
B2	MAGNETIC RING	BASE (OPTIONAL)	1	1	1
I	INSULATION TUBING		7	7	7
JL-0413	PCB		1	1	1
P	PLASTIC ENCLOSURE		1	1	1

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY	
			R40 T4S 20W, Globe T4S 20W, A-Type T4S 20W	R40 T4S 23W, Globe T4S 23W, A-Type T4S 23W
TR1	TRANSISTOR	Ic≥3.0A Vceo≥200V Pcm≥40W Tj=150℃	2	0
TR2	TRANSISTOR	Ic≥5.0A Vceo≥200V Pcm≥75W Tj=150℃	0	2
D1～D5	DIODE	PRV=1000V Io=1.0A	5	5
DB	TRIGGER DIODE	Vbo=28V~36V Itrm=2A Tj= -40℃~+100℃	1	1
R1、R4	RESISTOR	330KΩ , 1/4W	2	2
R2、R3	RESISTOR	10Ω , 1/4W	2	2
PTC	THERMISTOR	MAX. VOLTAGE≥600V ,SWITH TEMP.=75℃	1	1
C1、C2、C8	CAPACITOR	47nF , 400V	3	3
C3	ELECTROLYTIC CAPACITOR	22μF , 200V 105℃	1	1
C4	CAPACITOR	22nF , 100V	1	1
C5	CAPACITOR	1.5nF , 1KV	1	1
C6	CAPACITOR	4.7nF , 630V	1	1
C7	CAPACITOR	8.2nF , 630V	1	1
C9	CAPACITOR	4.7nF , 1KV	1	1
L1	INDUCTOR	Φ8×10 NO. OF TURNS=215T	1	1
L2	INDUCTOR	EE19 NO. OF TURNS=158T	1	1
T-1、T-2、T-3	MAGNETIC RING	Φ8×4×2	1	1
S	SOCKET	E26 BRASS PLATED WITH NICKEL	1	1
T	GLASS TUBE	20W	1	0
	GLASS TUBE	23W	0	1
W1	ENAMELLED COPPER WIRES FOR L1	Φ0.21mm 130℃	1	1
W2	ENAMELLED COPPER WIRES FOR L2	Φ0.14×5mm 130℃	1	1
W3	ENAMELLED COPPER WIRES FOR MAGNETIC RING	Φ0.27mm 130℃	1	1
W4	LEAD WIRE	AWG 24 105℃	1	1

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY	
			R40 T4S 20W, Globe T4S 20W, A-Type T4S 20W	R40 T4S 23W, Globe T4S 23W, A-Type T4S 23W
FUSE	FUSE	FAP 125V, 1A E56092(M)	1	1
B2	MAGNETIC RING	BASE (OPTIONAL)	1	1
I	INSULATION TUBING		7	7
JL-0413	PCB		1	1
P	PLASTIC ENCLOSURE		1	1