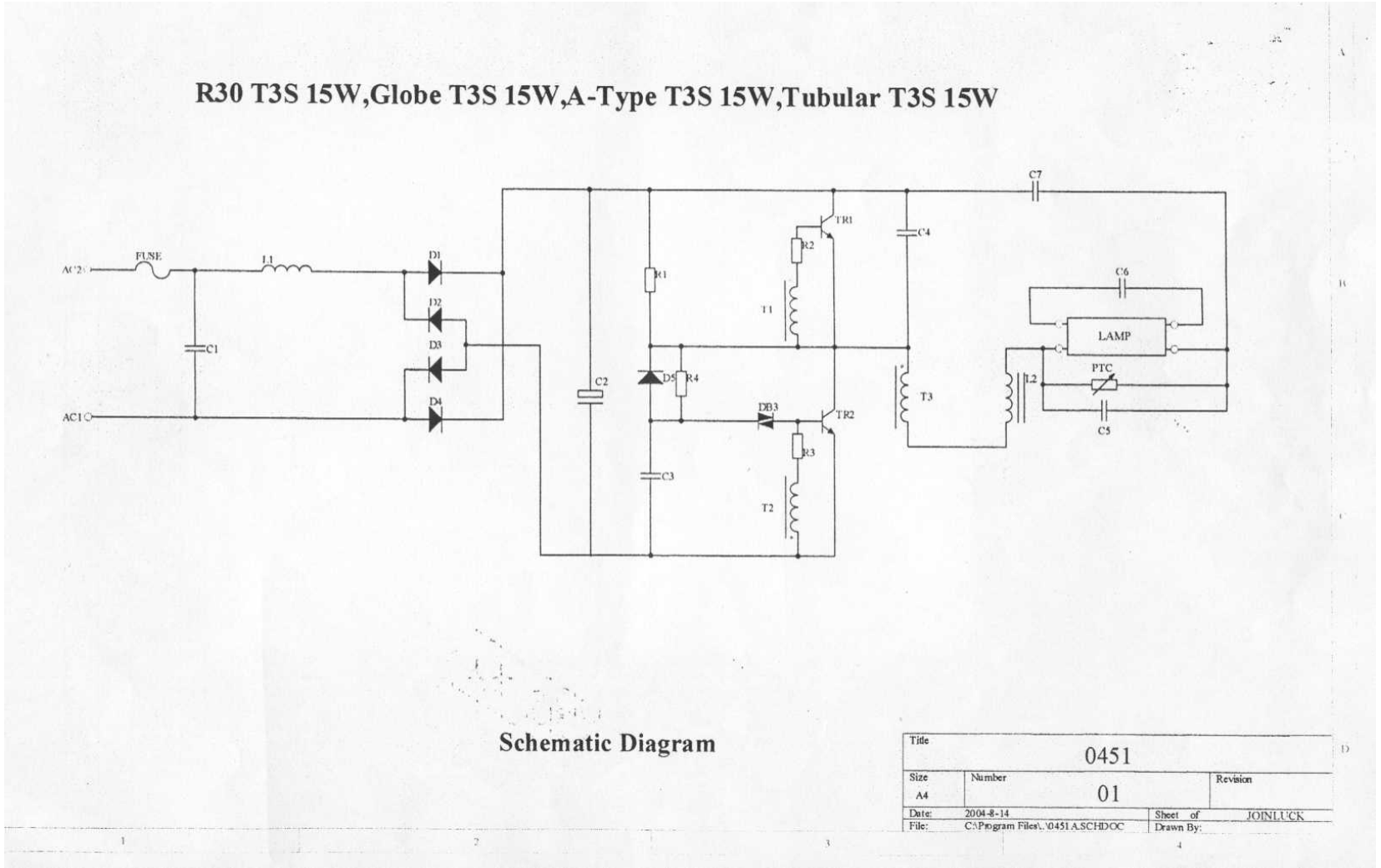
Schematics


R30 T3S 15W,Globe T3S 15W,A-Type T3S 15W,Tubular T3S 15W
FUSE
L1
D1
D2
D3
D4
C1
C2
C3
C4
C5
C6
C7
R1
R2
R3
R4
D5
DB3
TR1
TR2
T1
T2
T3
L2
PTC
LAMP
AC2
AC1
Schematic Diagram
Title
0451
Size
A4
Number
01
Revision
Date:
2004-8-14
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JOINLUCK
File:
C:\Program Files\...\0451A.SCHDOC
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APPENDIX

FORM OF COMPONENTS

COMPONENT LIST FOR R30 T3S 15W, Globe T3S 15W, A-Type T3S 15W, Tubular T3S 15W

CODE	MATERIAL NAME	SPECIFICATION	QUANTITY
TR1、TR2	TRANSISTOR	Ic≥1.5A Vceo≥200V Pcm≥20W Tj=150℃	2
D1～D5	DIODE	PRV=1000V Io=1.0A	5
DB3	TRIGGER DIODE	Vbo=28V~36V Itrm=2A Tj= -40℃~+100℃	1
R1、R4	RESISTOR	330KΩ , 1/4W	2
R2、R3	RESISTOR	10Ω , 1/4W	2
PTC	THERMISTOR	MAX. VOLTAGE≥600V SWITH TEMP.=75℃	1
C1、C7	CAPACITOR	100nF, 250V	2
C2	ELECTROLYTIC CAPACITOR	15μF , 200V 105℃	1
C3	CAPACITOR	22nF, 100V	1
C4	CAPACITOR	2.2nF, 1000V	1
C5	CAPACITOR	3.3nF, 1000V	1
C6	CAPACITOR	4.7nF , 1000V	1
L1	INDUCTOR	Φ6×8 NO. OF TURNS=240T, 1.4mH~1.6mH	1
L2	INDUCTOR	EE16 NO. OF TURNS=206T, 1.95mH~2.10mH	1
T1、T2、T3	MAGNETIC RING	Φ9×5×3	1
S	SOCKET	E26 BRASS PLATED WITH NICKEL	1
T	GLASS TUBE	15W	1
C	GLASS COVER		1
W1	ENAMELLED COPPER WIRES FOR L1	Φ0.15mm 130℃	1
W2	ENAMELLED COPPER WIRES FOR MAGNETIC RING	Φ0.27mm 130℃	1
W3	ENAMELLED COPPER WIRES FOR L2	Φ0.27mm 130℃	1
W4	LEAD WIRE	AWG 24 105℃ 600V	1

FUSE	FUSE	125V 1A	1
B2	MAGNETIC RING BASE (OPTIONAL)		1
I	INSULATION TUBING		9
JL-0451	PCB		1
P	PLASTIC ENCLOSURE		1