

SE-18T			
ITEM #	QTY	DESCRIPTION	REF. DESIGN.
1	1	Inductor Assy, 2.89mH, AL=100 170/15/2/2, 30AWGH, 7pin,CS-L3	L3
2	1	Inductor, Axial, 1.0mH	L2
3	1	Inductor, Radial 6X8, 0.15mH	L1
4	1	Capacitor, Ceramic Radial, X7R 0.01uF, 50V, 5%	C14
5	3	Capacitor, Ceramic, SMD, 0.1uF, 50V, 10%, 1206 Pkg.	C5, C7, C15
6	5	Capacitor, Ceramic, SMD, 0.15uF, 50V, 10% 1206 Pkg.	C3, C4, C6, C8, C10
7	4	Capacitor, Metallized Polyester, 5mm Epoxy-Dipped, 0.1uF, 250Vdc, 10%	C1, C2, C11, C12
8	1	PTC	TH2 NOT USED
9	1	Capacitor, Ceramic, Radial 100pF, 1000Vdc, 5 mm	C9
10	1	Capacitor, Polypropylene, 5mm Epoxy-Dipped, 2.7nF, 1000V, 10%	C13
11	1	Capacitor, Electrolytic, 33uF, 25Vdc, 105C, 2.5mm	CO3
12	1	Capacitor, Electrolytic, 4.7uF, 50Vdc, 105C, 2.5mm	CO4
13	2	Capacitor, Electrolytic, (10x20)mm 33uF, 200Vdc, 105C, 5mm	CO1, CO2
14	5	Diode, Axial, Glass-Passivated Fast, 1000V, 1N4007GP	D1-D5
15	2	Diode, Axial, Glass-Passivated Ultra-Fast, 1000V, UF4007GP	D6, D7
16	1	Diac, Axial, 32V, Db-3	D11
17	3	Diode, Axial, 100V, 1N4148	D8-D10
18	1	Fuse Axial, 3A/250C Placed in line with the WHT wire	RF
19	2	Resistor, Metallized, Axial, 36 Ohm, 1W	R11, R14
20	7	Resistor, SMD, 00Ohm, 1206 Pkg.	R2-R4, R12 R17, R18, R21
21	1	Resistor, SMD, 1206 Pkg, 1.65kOhm, 1%, 1/4W	R8
22	1	Resistor, SMD, 1206 Pkg, 33 Ohm, 5%, 1/4W	R5
23	1	Resistor, SMD, 1206 Pkg, 1.40kOhm, 1%, 1/4W	R7
24	1	Resistor, SMD, 1206 Pkg, 3.01kOhm, 1%, 1/4W	R9
25	1	Resistor, SMD, 1206 Pkg, 51.1kOhm, 1%, 1/4W	R6
26	2	Resistor, SMD, 1206 Pkg, 150kOhm, 5%, 1/4W	R15, R16

27	2	Resistor,SMD,1206 Pkg, 300kOhm, 5%, 1/4W	R1,R10
28	1	Resistor,SMD,1206 Pkg, 120kOhm,5%, 1/4W	R20
29	1	Resistor, SMD,1206 Pkg, 1.50MOhm, 1%, 1/4W	R13
30	2	Resistor, SMD,1206 Pkg,	R19, R22
			NOT USED
31	1	Transistor,Radial NPN, 2N4401, 600mW	Q3
32	2	Transistor Power,TO-220 ST13005	Q1,Q2
33	2	Terminal,Radial, 2 pin, CSI	J1,J2
34	3	Connecting Wire	1,2,N

SE-23T			
ITEM #	QTY	DESCRIPTION	REF. DESIGN.
1	1	Inductor Assy, 2.19mH, AL=100 148/10/2/2, 29AWG, 7pin,CS-L3	L3
2	1	Inductor, Axial, 1.0mH	L2
3	1	Inductor, Radial 6X8, 0.15mH	L1
4	1	Capacitor, Ceramic Radial, X7R 0.01uF, 50V, 5%	C14
5	1	Capacitor, Ceramic, SMD, 0.1uF, 50V, 10%, 1206 Pkg.	C5
6	5	Capacitor, Ceramic, SMD, 0.15uF, 50V, 10% 1206 Pkg.	C3,C4,C6,C8,C10
7	4	Capacitor, Metallized Polyester, 5mm Epoxy-Dipped, 0.1uF, 250Vdc, 10%	C1,C2,C11,C12
8	1	PTC	TH2 NOT USED
9	1	Capacitor, Ceramic, Radial 100pF, 1000Vdc, 5 mm	C9
10	1	Capacitor, Polypropylene, 5mm Epoxy-Dipped, 2.7nF, 1000V, 10%	C13
11	1	Capacitor, Electrolytic, 33uF, 25Vdc, 105C, 2.5mm	CO3
12	1	Capacitor, Electrolytic, 4.7uF, 50Vdc, 105C, 2.5mm	CO4
13	2	Capacitor, Electrolytic, (10x20)mm 33uF, 200Vdc, 105C, 5mm	CO1, CO2
14	5	Diode, Axial, Glass-Passivated Fast, 1000V, 1N4007GP	D1-D5
15	2	Diode, Axial, Glass-Passivated Ultra-Fast, 1000V, UF4007GP	D6, D7
16	1	Diac, Axial, 32V, Db-3	D11
17	3	Diode, Axial, 100V, 1N4148	D8-D10
18	1	Fuse Axial, 3A/250C Placed in line with the WHT wire	RF
19	2	Resistor, Metallized, Axial, 36 Ohm, 1W	R11, R14
20	7	Resistor, SMD, 00hm, 1206 Pkg.	R2-R4, R12 R17, R18, R21
21	1	Resistor, SMD, 1206 Pkg, 1.30kOhm, 1%, 1/4W	R8
22	1	Resistor, SMD, 1206 Pkg, 33 Ohm, 5%, 1/4W	R5
23	1	Resistor, SMD, 1206 Pkg, 1.30kOhm, 1%, 1/4W	R7
24	1	Resistor, SMD, 1206 Pkg, 3.01kOhm, 1%, 1/4W	R9
25	1	Resistor, SMD, 1206 Pkg, 51.1kOhm, 1%, 1/4W	R6
26	2	Resistor, SMD, 1206 Pkg, 150kOhm, 5%, 1/4W	R15, R16

27	2	Resistor,SMD,1206 Pkg, 300kOhm, 5%, 1/4W	R1,R10
28	1	Resistor,SMD,1206 Pkg, 120kOhm,5%, 1/4W	R20
29	1	Resistor, SMD,1206 Pkg, 1.50MOhm, 1%, 1/4W	R13
30	2	Resistor, SMD,1206 Pkg,	R19, R22 NOT USED
31	1	Transistor,Radial NPN, 2N4401, 600mW	Q3
32	2	Transistor Power,TO-220 ST13005	Q1,Q2
33	2	Terminal,Radial, 2 pin, CSI	J1,J2
34	3	Connecting Wire	1,2,N

SE-27T			
ITEM #	QTY	DESCRIPTION	REF. DESIGN.
1	1	Inductor Assy, 2.43mH, AL=100 156/15/2/2, 29AWGH, 7pin,CS-L3	L3
2	1	Inductor, Axial, 1.0mH	L2
3	1	Inductor, Radial 6X8, 0.15mH	L1
4	1	Capacitor, Ceramic Radial, X7R 0.01uF, 50V, 5%	C14
5	1	Capacitor, Ceramic, SMD, 0.1uF, 50V, 10%, 1206 Pkg.	C5
6	5	Capacitor, Ceramic, SMD, 0.15uF, 50V, 10% 1206 Pkg.	C3,C4,C6,C8,C10
7	4	Capacitor, Metallized Polyester, 5mm Epoxy-Dipped, 0.1uF, 250Vdc, 10%	C1,C2,C11,C12
8	1	PTC	TH2 NOT USED
9	1	Capacitor, Ceramic, Radial 330pF, 1000Vdc, 5 mm	C9
10	1	Capacitor, Polypropylene, 5mm Epoxy-Dipped, 4.7nF, 1000V, 10%	C13
11	1	Capacitor, Electrolytic, 33uF, 25Vdc, 105C, 2.5mm	CO3
12	1	Capacitor, Electrolytic, 4.7uF, 50Vdc, 105C, 2.5mm	CO4
13	2	Capacitor, Electrolytic, (10x20)mm 33uF, 200Vdc, 105C, 5mm	CO1, CO2
14	5	Diode, Axial, Glass-Passivated Fast, 1000V, 1N4007GP	D1-D5
15	2	Diode, Axial, Glass-Passivated Ultra-Fast, 1000V, UF4007GP	D6,D7
16	1	Diac, Axial, 32V, Db-3	D11
17	3	Diode, Axial, 100V, 1N4148	D8-D10
18	1	Fuse Axial, 3A/250C Placed in line with the WHT wire	RF
19	2	Resistor, Metallized, Axial, 470hm, 1W	R11,R14
20	8	Resistor, SMD, 00hm, 1206 Pkg.	R2-R4, R12 R17-R19, R21
21	1	Resistor, SMD, 1206 Pkg, 2.10kOhm, 1%, 1/4W	R8
22	1	Resistor, SMD, 1206 Pkg, 33 Ohm, 5%, 1/4W	R5
23	1	Resistor, SMD, 1206 Pkg, 2.10kOhm, 1%, 1/4W	R7
24	1	Resistor, SMD, 1206 Pkg, 3.01kOhm, 1%, 1/4W	R9
25	1	Resistor, SMD, 1206 Pkg, 51.1kOhm, 1%, 1/4W	R6
26	2	Resistor, SMD, 1206 Pkg, 150kOhm, 5%, 1/4W	R15,R16

27	2	Resistor,SMD,1206 Pkg, 300kOhm, 5%, 1/4W	R1,R10
28	1	Resistor,SMD,1206 Pkg, 120kOhm,5%, 1/4W	R20
29	1	Resistor, SMD,1206 Pkg, 1.50MOhm, 1%, 1/4W	R13
30	1	Resistor, SMD,1206 Pkg,	R22
			NOT USED
31	1	Transistor,Radial NPN, 2N4401, 600mW	Q3
32	2	Transistor Power,TO-220 ST13005	Q1,Q2
33	2	Terminal,Radial, 2 pin, CSI	J1,J2
34	3	Connecting Wire	1,2,N