



2X3781 COMPONENT LAYOUT

<u>ITEM NUMBER</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>
C10, C11, C14, C17	53x32	Capacitor 10 uf tantalum
C12, C13	53x80	Capacitor 1 uf
C1	53x64	Capacitor 68 uf electrolytic
C2, C4, C5, C6	53x77	Capacitor .1 uf
C15, C16	53x39	Capacitor .68 uf tantalum
R3, R5, R6, R9, R10, R24	54x159-102	Resistor 1K 1/2 W 5%
R33	54x159-103	Resistor 10K 1/2 W 5%
R20, R21	54x159-225	Resistor 2.2M 1/2 W 5%
R16, R17	54x159-333	Resistor 33K 1/2 W 5%
R4	54x159-270	Resistor 27 1/2 W 5%
R1, R13	54x159-222	Resistor 2.2K 1/2 W 5%
R25, R26	54x159-274	Resistor 270K 1/2 W 5%
R18	54x159-683	Resistor 68K 1/2 W 5%
R2, R14, R15, R23, R28	54x159-473	Resistor 47K 1/2 W 5%
R32	54x159-153	Resistor 15K 1/2 W 5%
R19	54x161-470	Resistor 47 1/2 W 5%
D2, D4, D9, D10, D11, D12, D14, D16, D17, D19, D20, D25, D26, D27	56x53	Diode, signal 1N4148
Q1, Q3, Q4, Q5	56x17	Transistor, 2N4401
U1, U2	56x140	IC 4N35 opto isolator
U4	56x269	IC 4538 Dual timer
U6	56x73	IC 4049 Inv. driver
U9	56x110	IC 4017 Counter
U11	56x109	IC 4093
D28	56x186	Diode, Zener 1N5236B 7.5V



