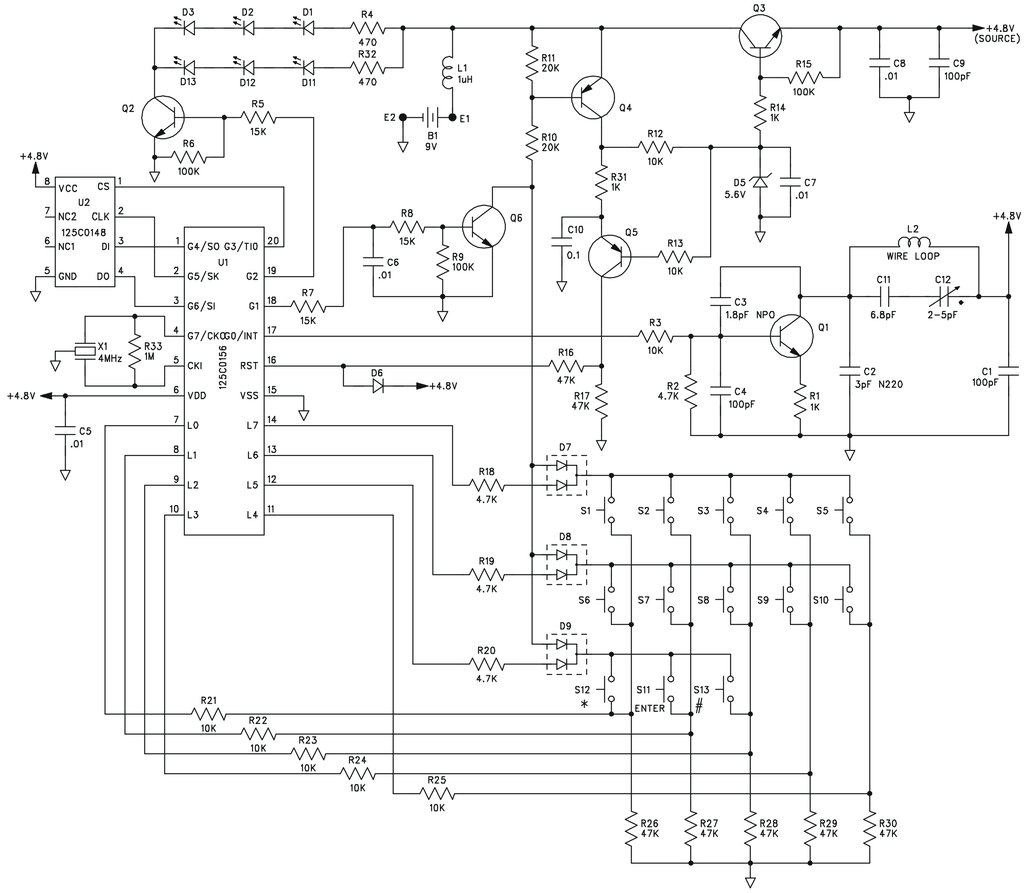
REFERENCE	PART NUMBER	DESCRIPTION	QTY
C1,C4,C9	030D71020100	CAP SMD0805 100pF 5% NPO	3
C10	030D710522R0	CAP SMD0805 0.1uf 20% X7R	1
C11	030D76800000	CAP SMD0805 6.8pF 5% NPO	1
C12	30B0444	CAPACITOR, VARIABLE BOT ADJ	1
C2	030D73000020	CAP SMD0805 3.0pF 5% N220	1
C3	030D71803000	CAP SMD0805 1.8pF 5% NPO	1
C5-8	030D710422R0	CAP SMD0805 0.01uF 20% X7R	4
D1-3 D11-13	52B0074	DIODE, LED T1 YELLOW	6
D5	52B0107	DIODE, SMD ZENER 5.6V	1
D6	52B0065	DIODE, SMD SIGNAL	1
D7-9	52B0070	DIODE, SMD DUAL COMMON CATHODE	3
E1-2	23B0099	BATTERY CLIP	1
L1	40A0104	INDUCTOR, RF CHOKE 1uH SMD	1
L2	40A0117	WIRE LOOP	1
N1	14D0568	PC BOARD	1
Q1	207C0074	TRANSISTOR, SMD NPN RF	1
Q2-3 Q6	207C0073	TRANSISTOR, SMD NPN SWITCH	3
Q4-5	207C0069	TRANSISTOR, SMD PNP SWITCH	2
R1,R14,R31	311C1025	RES SMD0805 1.0K5%	3
R10-11	311C2035	RES SMD0805 20K 5%	2
R16-17 R26-30	311C4735	RES SMD0805 47K 5%	7
R2 R18-20	311C4725	RES SMD0805 4.7K 5%	4
R3 R12-13 R21-25	311C1035	RES SMD0805 10K 5%	8
R33	311C1055	RES SMD0805 1.0M 5%	1
R4 R32	311C4715	RES SMD0805 470 5%	2
R5 R7-8	311C1535	RES SMD0805 15K 5%	3
R6 R9 R15	311C1045	RES SMD0805 100K 5%	3
U1	125C0156	SOIC, ROLLCODE KEYLESS ENTRY	1
U2	125C0148	SOIC, ELECT. ERASABLE PROM 3V	1
X1	33B0039	RESONATOR, CERAMIC 4MHz	1

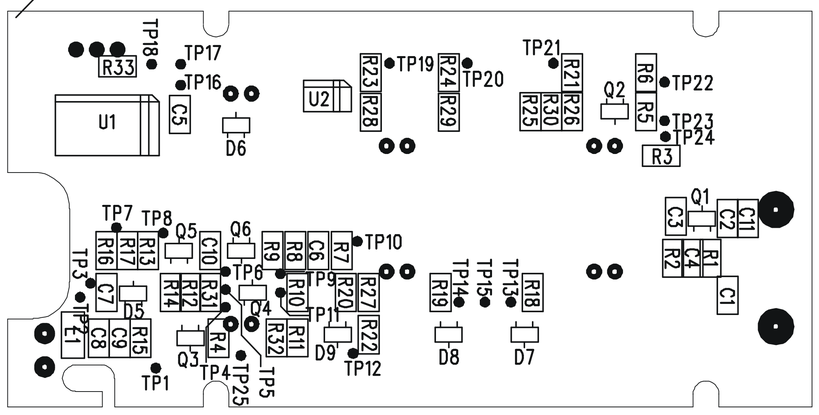
NOTES:

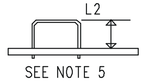
1. ALL LEADED COMPONENTS TO BE INSERTED TO WITHIN 0.020" OF BODY OR PREFORM LIMITS.
2. REFERENCE DOCUMENTS:
 TEST SPEC.: 190A0438
3. PRECAUTIONS MUST BE TAKEN TO PREVENT FINGER OIL OR OTHER FILMS FROM BEING DEPOSITED ON THE CARBON ELECTRODES DURING HANDLING AND ASSEMBLY.
4. ROUTE WIRES OF BATTERY CLIP E1/E2 THROUGH SLOT IN PCB AFTER WAVESOLDER.
5. TO ENSURE PROPER TUNING RANGE "L2" MUST BE INSERTED WITHIN .010th AND PERPENDICULAR TO PCB BY 5 DEGREES.
6.

USAGE CHART ROLLING CODE.		
LIFT MASTER	001A5332	
SEARS	001A5332-1	

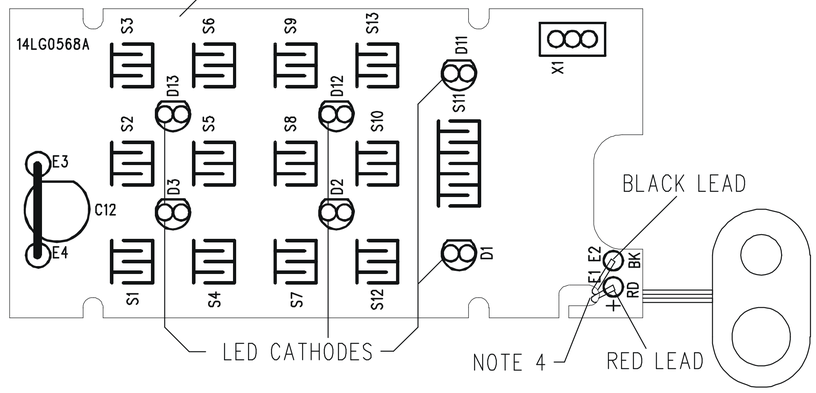


1 SOLDER SIDE





1 COMPONENT SIDE



COMPONENT SIDE LEGEND

PART NUMBER				195D1396	B
ECN/DATE	BY	APP	REVISION		REV
N-172 21JUL99	BW	BW	RELEASE		A
N-258 18OCT99	BW	BW	C4 WAS 33PF,R1 WAS 750 OHM		B

CHAMBERLAIN CONSUMER PRODUCTS GROUP
A UNIT OF DUCHOSSOIS INDUSTRIES, INC.

NAME: ASSY PCB, CHANGE PLUS KEYLESS ENTRY ROLLING CODE

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± .005 .000 DECIMAL
± 1/64 ON FRACTIONS
± 30' ON ANGLES
± .003 ON HOLES

THIS COPY ISSUED:

FINISH

MATERIAL

	BY	DATE
DRAWN	MF	26SEP96
CHECKED	TC	10/23/96
APPROVED	JPJ	9/26/96

SCALE	PART NUMBER	REV
	195D1396	B