



LEGEND

C1, C3	10/25	DZ1	10 VOLT	R17	27K
C2	4.7/35	DZ2	18 VOLT	R18, R21	150K
C4	.047/100	DZ3	75 VOLT	R20	4.7K
C5	100/16	DZ4	33 VOLT	R22	1K
C6	.1/100			R23	5K TRIMMER
C7	50/250	R1	1K	R24	68
C8	1.8/20	R2	.4, 12 WATT	R25	50K TRIMMER
C9	1/35	R3	2.2K	R26	390, 5 WATT
C10, C12, C13, C15	.02-.022/25	R4	5.6K	R27	100 TRIMMER
C11	.02/600	R5, R6, R13, R34	10K	R28	500 TRIMMER
C14	20/50	R7	120, 2 WATT	R29	100
D1, D2	16 AMP	R10	200		
D3 THRU D7	1 AMP	R12	3.3K, 4 WATT		
D9 THRU D14	1 AMP	R14, R19, R30, R33	68K		
		R15	6.8K		
		R16, R32	680		

NOT ON P.C. BOARD

R8	10K, 2 WATT	Q1, Q5	2N 4125
R36	100 TRIMMER	Q2	MJ 10004
		Q3, Q4	2N 6211
		Q7, Q8, Q9	2N 5815
		TP1, TP2	150 V., 20J.
		X1	DUAL OPAMP

LEAD COLOR CODE

B = BLACK
W = WHITE

CAPACITORS = MFD/VOLTS

RESISTORS = OHMS

ANSI ELECTRICAL SYMBOLS PER E-1537

NOTE:

SINCE COMPONENTS OR CIRCUITRY ON A PRINTED CIRCUIT BOARD MAY CHANGE WITHOUT AFFECTING THE INTERCHANGEABILITY OF A COMPLETE BOARD, THIS DIAGRAM MAY NOT SHOW THE EXACT COMPONENTS OR CIRCUITRY OF CONTROLS HAVING A COMMON CODE NUMBER.

UNLESS OTHERWISE SPECIFIED TOLERANCE ON HOLE SIZES PER E-2056
ON 2 PLACE DECIMALS IS ± .02
ON 3 PLACE DECIMALS IS ± .002
ON ALL ANGLES IS ± .5° OF A DEGREE
MATERIAL TOLERANCE ("X") TO AGREE WITH PUBLISHED STANDARDS.

Ch'ge. Sht. No.	
3-27-81	
51-81T	

THE LINCOLN ELECTRIC CO. EQUIP. TYPE LN-22
 CLEVELAND, OHIO U. S. A. SUBJECT OPERATING SCHEMATIC
 SCALE ~ DATE 3-13-81 CHK. EEC SUP'S'D/G M-12979 SHT. NO. M-14257