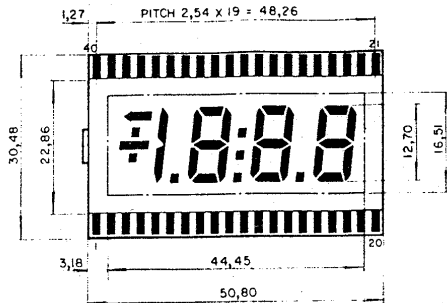


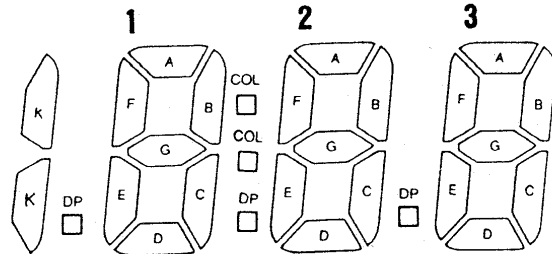


LC 1048

3 1/2 Digit 12.7mm character



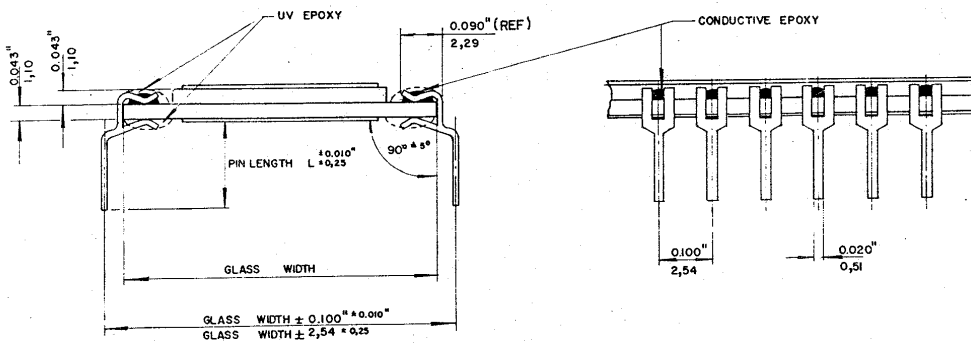
SEGMENTS NOTATION



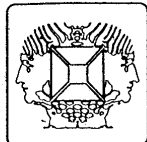
SEG	A3	F3	G3	B2	A2	F2	G2	COL	B1	A1	F1	G1	NC	NC	NC	NC	NC	NC	BP	
PIN #	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
SEG	BP	K	NC	NC	NC	NC	DP1	E1	D1	C1	DP2	E2	D2	C2	DP3	E3	D3	C3	B3	
PIN #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

BP - 404 / / / / / * E3 D3 C3 * E2 D2 C2 DP E1 D1 C1 B1

LCD TERMINALS



TYPICAL PERFORMANCE CHARACTERISTIC					
ITEM	TYPE	COMMERCIAL		WIDE TEMPERATURE	UNITS
		STATIC	DYNAMIC	STATIC	
OPERATING VOLTAGE		3.0	3.0	5.0	V
OPERATING FREQUENCY		60	60	60	Hz
CONTRAST RATIO		20:1	20:1	20:1	
RESPONSE TIME 25° C	t _r	75	75	10	ms
	t _d	150	150	45	ms
RESPONSE TIME 0° C	t _r	300	300	125	ms
	t _d	500	500	200	ms
OPERATING TEMPERATURE		-10 ~ +55	-10 ~ +65	-10 ~ +85	° C
EXPECTED LIFE		50000	50000	100000	HR



velleman nv
components