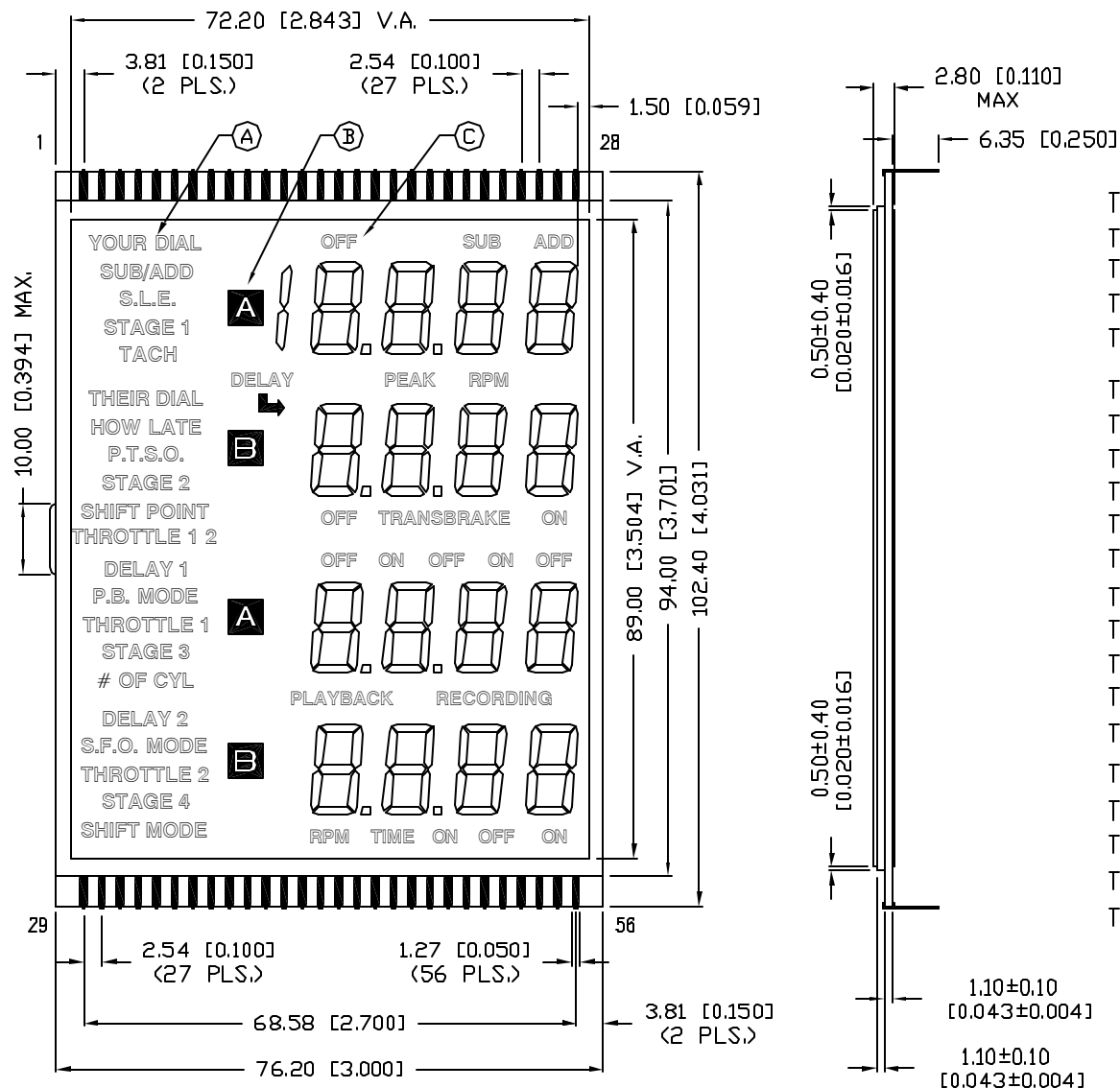


UNCONTROLLED DOCUMENT

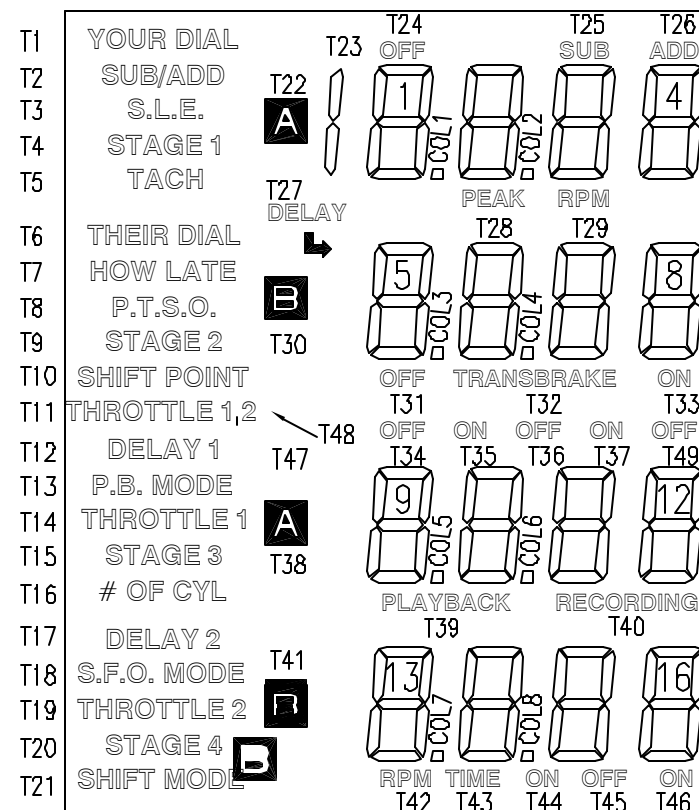


PART NUMBER
LCD-S404M50TF-1

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	4.18.07

DETAIL NOT TO SCALE



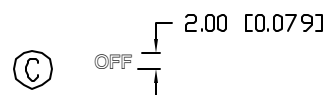
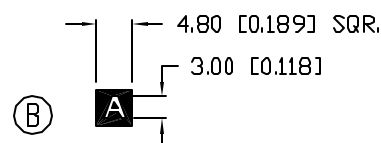
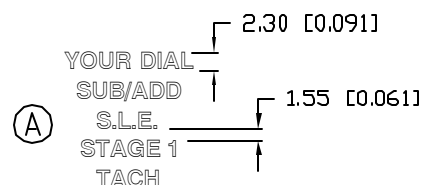
NOTE:-

A, B, C, AND DIGIT DETAIL ON PAGE TWO.

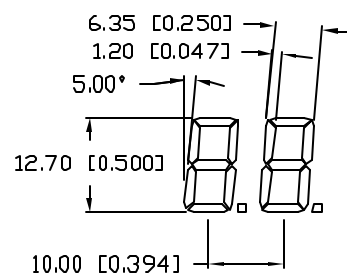
UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+0.00
-0.00 MAX.=+0.00
-0.00

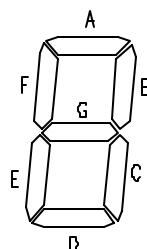
REV. A	PART NUMBER LCD-S404M50TF-1	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.	 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw
0.50" CHARACTER HEIGHT, 16 DIGIT CUSTOM LCD GLASS, TN, TRANSFLECTIVE, TOP VIEW, 1/3 DUTY, 56 PINS.		DRAWN BY: JC	CHECKED BY: APPROVED BY: DATE: 2.15.99 PAGE: 1 OF 2 SCALE: N/A



CHARACTER DETAIL



CHARACTERISTICS	
FLUID TYPE:	TN
BACKGROUND COLOR:	GRAY
VIEWING DIRECTION:	12:00
DISPLAY MODE:	TRANSFLECTIVE
OPERATING VOLTAGE:	5.0V A.C.
OPERATING TEMP.	0°C TO 50°C
STORAGE TEMP.	-20°C TO 70°C
DRIVING METHODE:	1/3 DUTY, 1/2 BIAS
CONNECTION TYPE:	56 PINS



DRIVER A

PIN NO.	COM1A	COM2A	COM3A
1	COM1A		
2		COM2A	
3			COM3A
5	1F	1E	T23
6	1A	1G	1D
7	1B	1C	T24
8	2F	2E	COL1
9	2A	2G	2D
10	2B	2C	COL2
11	3F	3E	T26
12	3A	3G	3D
13	3B	3C	T25
14	4F	4E	T28 & T29
15	4A	4G	4D
16	4B	4C	T3,T8,T14,T19,T35,T36,T37
17	5F	5E	T4,T9,T15,T20,T11
18	5A	5G	5D
19	5B	5C	T5,T10,T16,T21
20	6F	6E	COL3
21	6A	6G	6D
22	6B	6C	COL4
23	7F	7E	T22 & T30
24	7A	7G	7D
25	7B	7C	T38 & T41
26	8F	8E	T31
27	8A	8G	8D
28	8B	8C	T32 & T33
48			T45

DRIVER B

PIN NO.	COM1B	COM2B	COM3B
4			T27
29	COM1B		
30		COM2B	
31			COM3B
32	9F	9E	T1,T6,T12,T17
33	9A	9G	9D
34	9B	9C	T2,T7,T13,T18
35	10F	10E	COL5
36	10A	10G	10D
37	10B	10C	COL6
38	13F	13E	T43
39	13A	13G	13D
40	13B	13C	T42
41	14F	14E	COL7
42	14A	14G	14D
43	14B	14C	COL8
44	15F	15E	T39
45	15A	15G	15D
46	15B	15C	T40
47	16F	16E	T44
49	16A	16G	16D
50	16B	16C	T46
51	11F	11E	T34
52	11A	11G	11D
53	11B	11C	T49
54	12F	12E	T47
55	12A	12G	12D
56	12B	12C	T48

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REV.

A

PART NUMBER

LCD-S404M50TF-1

0.50" CHARACTER HEIGHT, 16 DIGIT CUSTOM LCD GLASS,
TN, TRANSFLECTIVE, TOP VIEW, 1/3 DUTY, 56 PINS.

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RELIABILITY NOTE

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US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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PAGE: 2 OF 2

SCALE: N/A