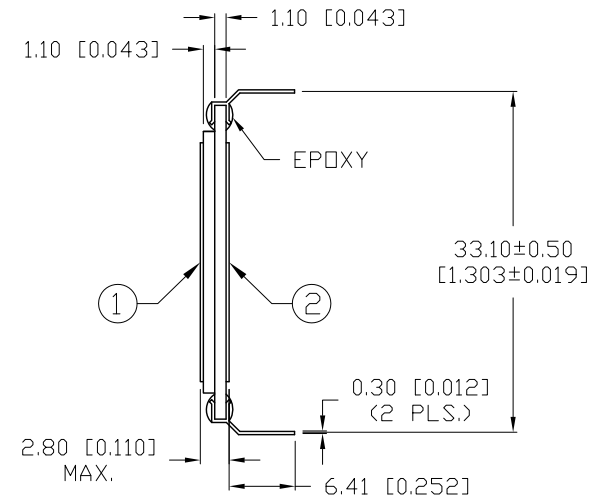
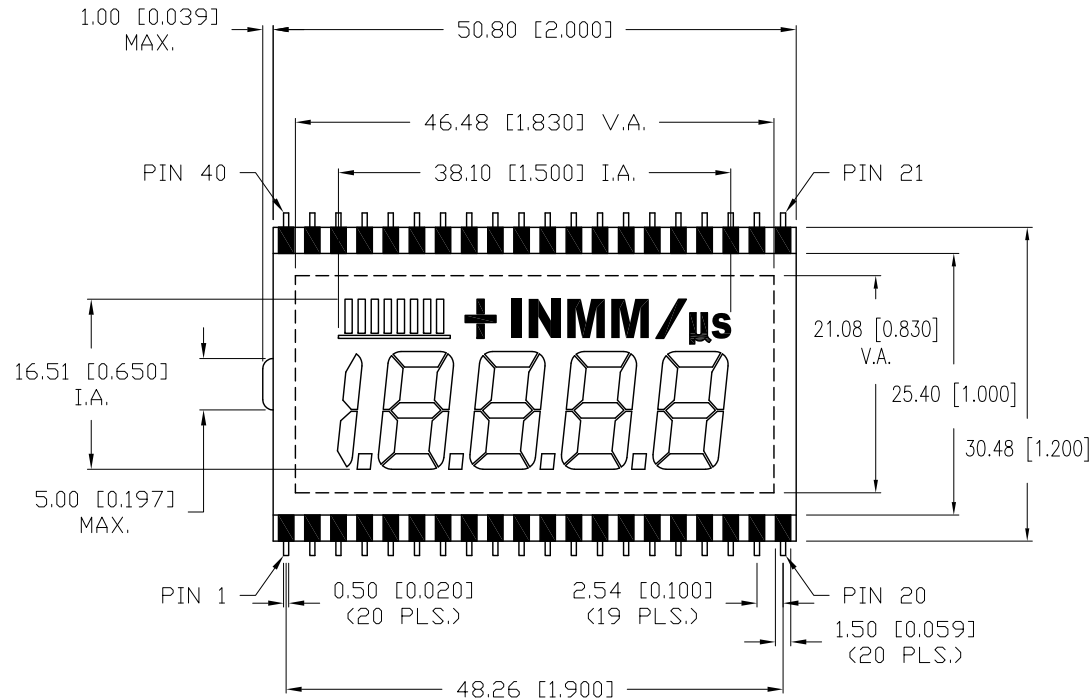


PART NUMBER	LCD-H4X1M52TF	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.09.03	E.C.N. # 11033		A
02.06.07	E.C.N. # 11148		B
11.05.13	E.C.N. # 11885		C



NOTES:

1. PROTECTIVE FILM ON FRONT POLARIZER.
2. NO PROTECTIVE FILM ON REAR POLARIZER.

CHARACTERISTICS	
FLUID TYPE	TN
BACKGROUND COLOR	GRAY
VIEWING DIRECTION	6:00
DISPLAY MODE	TRANSFLECTIVE
OPERATING VOLTAGE	5.0V A.C.
OPERATING TEMP.	-30°C TO 75°C
STORAGE TEMP.	-40°C TO 85°C
DRIVING METHOD	1/2 DUTY, 1/2 BIAS
CONNECTION TYPE	40 PINS

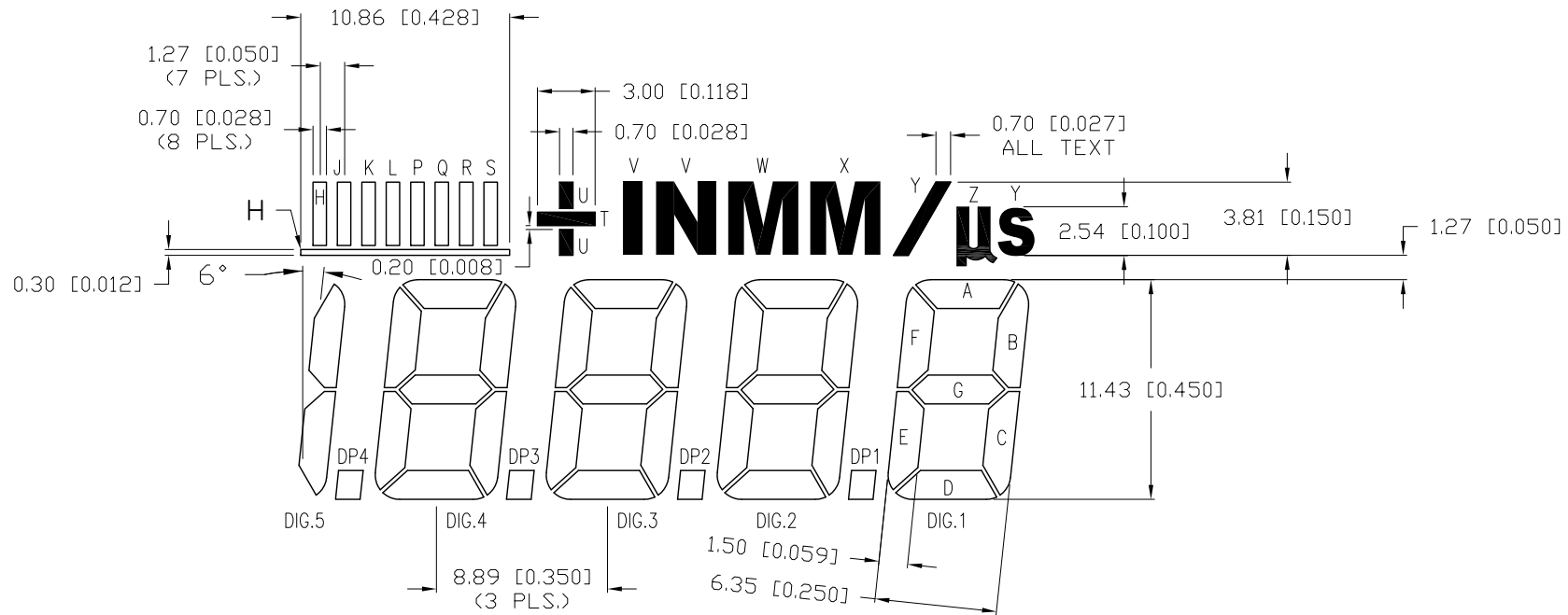
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

LUMEX Creating LED and LCD Solutions Together™	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	4-1/2 DIGIT CUSTOM LCD PANEL, TN, TRANSFLECTIVE, 1/2 DUTY, 1/2 BIAS, WIDE OPERATING TEMP. 40 PINS.	DATE: 06.25.10	DRAWN BY: MP
			PAGE: 1 OF 2	CHKD BY: BC
			SCALE: N/A	APRVD BY: SS
			UNIT: mm [INCH]	

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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PIN NO.	1	2	3	4	5	6	7	8	9	10
COM1	-	/	H	/	4D	/	4E	3D	/	3E
COM2	COM2	/	5B,C	/	DP4	/	4C	DP3	/	3C
PIN NO.	11	12	13	14	15	16	17	18	19	20
COM1	/	2D	/	2E	1D	/	1E	/	/	COM1
COM2	/	DP2	/	2C	DP1	/	1C	/	/	-
PIN NO.	21	22	23	24	25	26	27	28	29	30
COM1	COM1	1A	1F	Y	/	Z	2A	2F	V	3A
COM2	-	1B	1G	-	/	X	2B	2G	W	3B
PIN NO.	31	32	33	34	35	36	37	38	39	40
COM1	3F	U	4A	4F	-	Q	P	J	/	-
COM2	3G	T	4B	4G	S	R	L	K	/	COM2

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PAGE:	2 OF 2	CHKD BY:	BC
SCALE:	N/A	APRVD BY:	SS
UNIT:	mm [INCH]		(Pb)