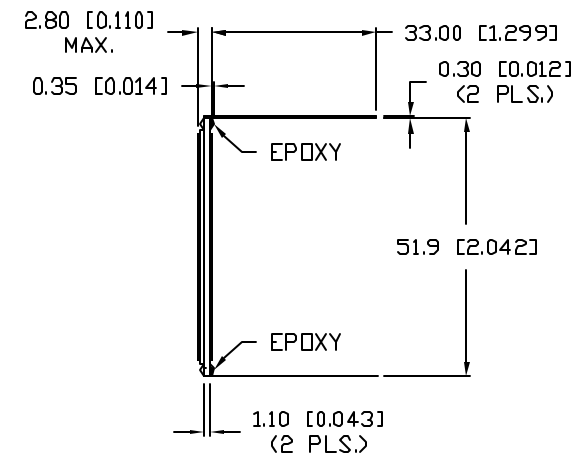
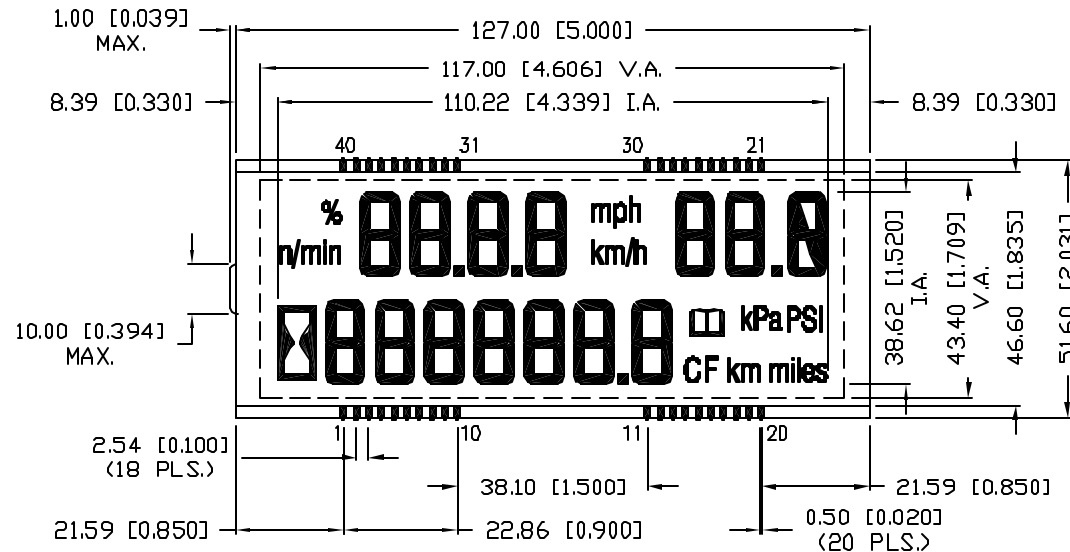


UNCONTROLLED DOCUMENT

PART NUMBER
LCD-U1402M66TF-1REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.09.07



CHARACTERISTICS	
FLUID TYPE:	TN
BACKGROUND COLOR:	NEUTRAL
VIEWING DIRECTION:	12:00
DISPLAY MODE:	TRANSFLECTIVE
OPERATING VOLTAGE:	5.0V A.C.
OPERATING TEMP.	-40°C TO 85°C
STORAGE TEMP.	-40°C TO 85°C
DRIVING METHOD:	1/4 DUTY, 1/3 BIAS.
CONNECTION TYPE:	40 PINS

A
Pb

UNCONTROLLED DOCUMENT

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

REV.
APART NUMBER
LCD-U1402M66TF-1

14 DIGIT CUSTOM LCD PANEL, TN, TRANSFLECTIVE, 12:00 VIEW,
-40°C ~ 85°C OPERATING TEMP, 40 PINS.

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.

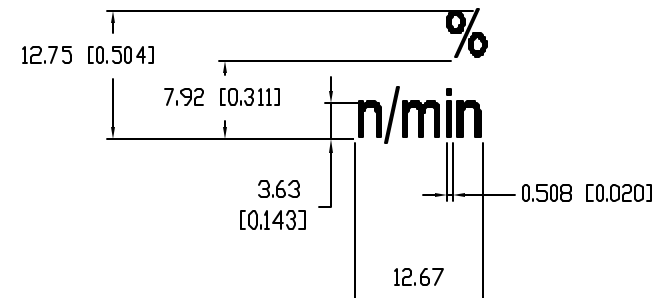
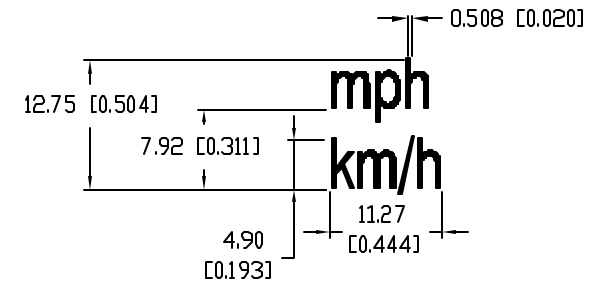
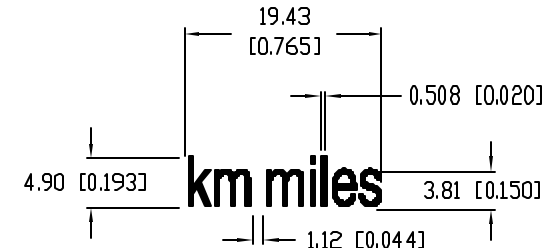
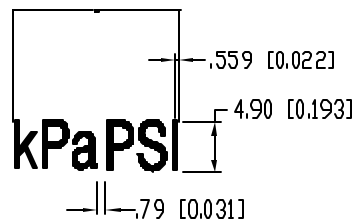
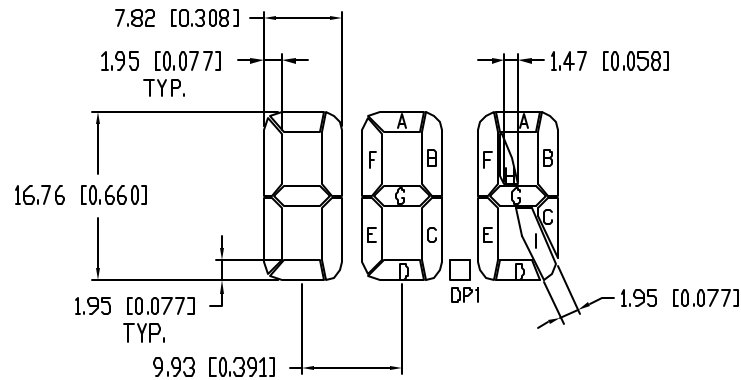
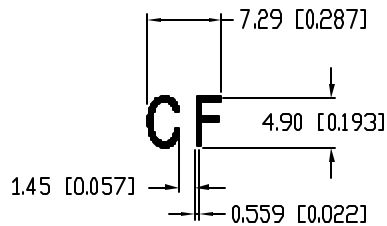
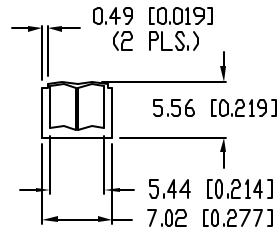
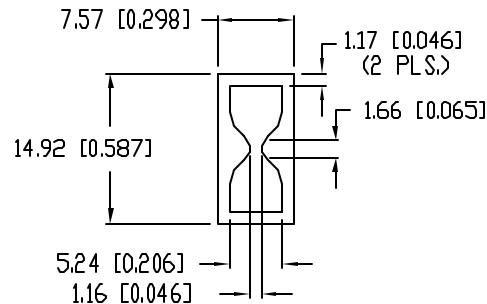


290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 9.01.04 PAGE: 1 OF 3 SCALE: N/A
-----------------	-------------	--------------	---

UNCONTROLLED DOCUMENT

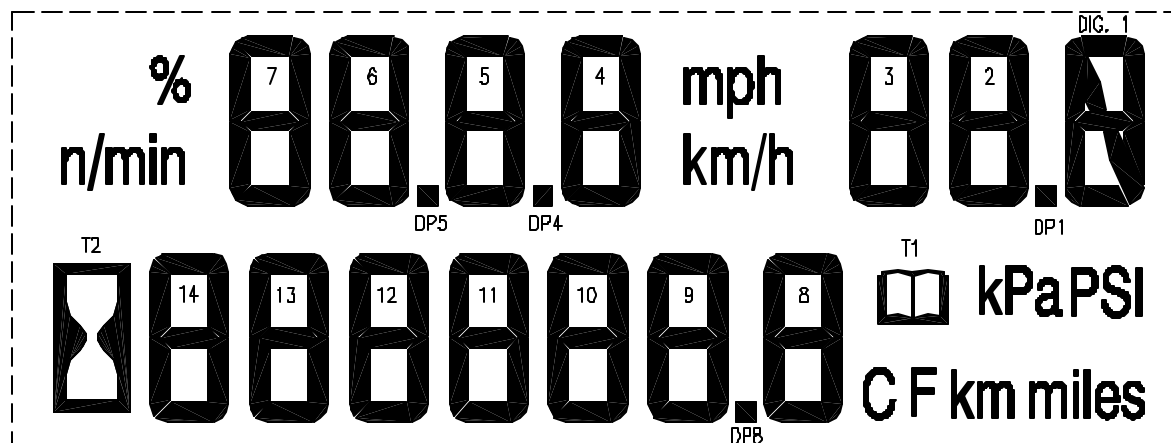
PART NUMBER		REV.
LCD-U1402M66TF-1		P2
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	SEE PAGE #1	



UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

REV. P2	PART NUMBER LCD-U1402M66TF-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
14 DIGIT CUSTOM LCD PANEL, TN, TRANSFLECTIVE, 12:00 VIEW, -40°C ~ 85°C OPERATING TEMP, 40 PINS.		DRAWN BY: CT	CHECKED BY: APPROVED BY: DATE: 10.15.03 PAGE: 3 OF 3 SCALE: N/A



PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
COM1	T2	14D	/	13D	/	12D	/	11D	/	10D	/	9D	DP8	8D
COM2	14E	14C	13E	13C	12E	12C	11E	11C	10E	10C	9E	9C	8E	8C
COM3	14G	14B	13G	13B	12G	12B	11G	11B	10G	10B	9G	9B	8G	8B
COM4	14F	14A	13F	13A	12F	12A	11F	11A	10F	10A	9F	9A	8F	8A
PIN NO.	15	16	17	18	19	20	21	22	23	24	25	26	27	28
COM1	DP1	G	COM1	/	/	/	COM1	/	/	/	1D	1I	1H	/
COM2	T1	F		COM2			COM2	/	/	1C	1E	/	/	
COM3	kPa	km	/	/	COM3	/	/	/	COM3	/	1B	1G	/	/
COM4	PSI	miles	/	/	/	COM4	/	/	/	COM4	1A	1F	/	/
PIN NO.	29	30	31	32	33	34	35	36	37	38	39	40		
COM1	2D	km/h	3D	mph	4D	DP4	5D	DP5	6D	%	7D	n/min		
COM2	2C	2E	3C	3E	4C	4E	5C	5E	6C	6E	7C	7E		
COM3	2B	2G	3B	3G	4B	4G	5B	5G	6B	6G	7B	7G		
COM4	2A	2F	3A	3F	4A	4F	5A	5F	6A	6F	7A	7F		

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

REV.
P2PART NUMBER
LCD-U1402M66TF-1

14 DIGIT CUSTOM LCD PANEL, TN, TRANSFLECTIVE, 12:00 VIEW,
-40°C ~ 85°C OPERATING TEMP, 40 PINS.

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

DRAWN BY:

JC

CHECKED BY:

APPROVED BY:

DATE: 10.15.03

PAGE: 2 OF 3

SCALE: N/A