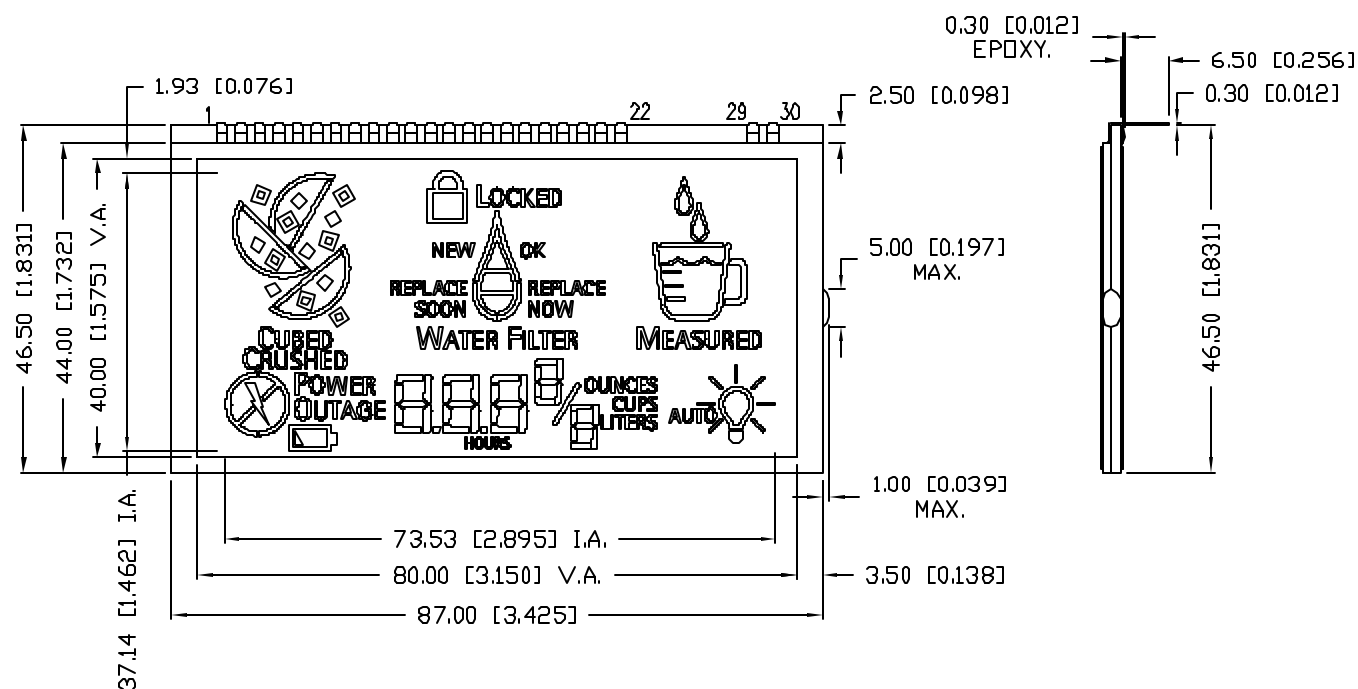
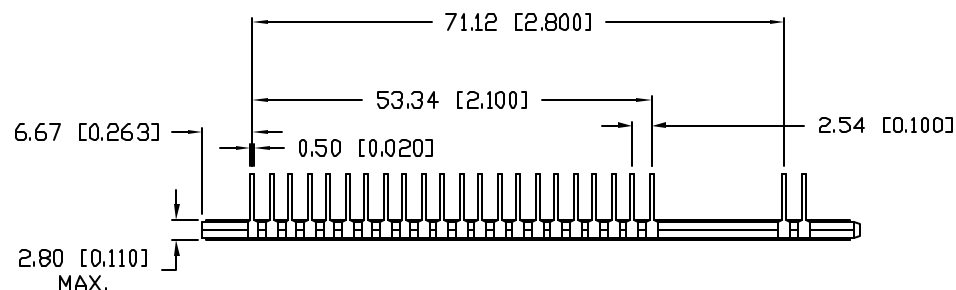


UNCONTROLLED DOCUMENT

PART NUMBER
LCD-H302M32TF-1REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.06.07



CHARACTERISTICS	
FLUID TYPE:	TN
BACKGROUND COLOR:	NEUTRAL
VIEWING DIRECTION:	12:00
DISPLAY MODE:	TRANSFLECTIVE
OPERATING VOLTAGE:	5.0V A.C.
OPERATING TEMP.	-20°C TO 70°C
STORAGE TEMP.	-30°C TO 80°C
DRIVING METHOD:	1/4 DUTY, 1/3 BIAS.
CONNECTION TYPE:	24 PINS

*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 MAX.= +0.00 -DECIMAL PRECISION

REV.
APART NUMBER
LCD-H302M32TF-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

KENMORE CUSTOM LCD PANEL, TN, TRANSFLECTIVE,
12:00 VIEW, WIDE OPERATING TEMP, 1/4 DUTY, 1/3 BIAS.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 12.16.04
JC			PAGE: 1 OF 3
			SCALE: N/A

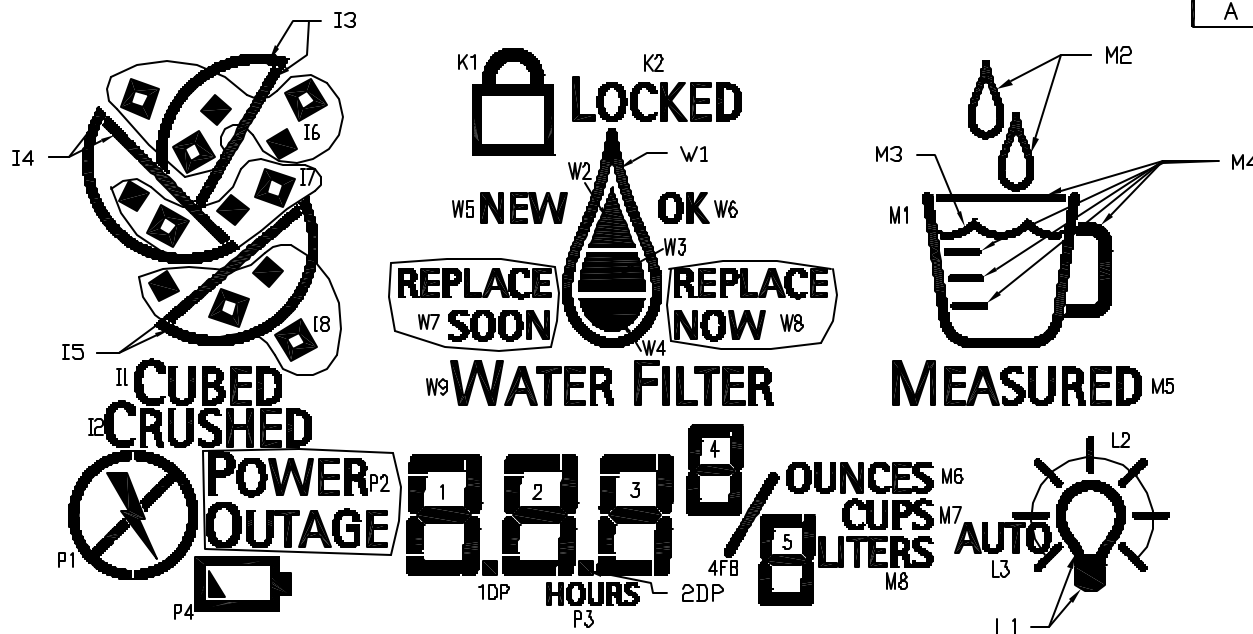


UNCONTROLLED DOCUMENT

UNCONTROLLED DOCUMENT

PART NUMBER
LCD-H302M32TF-1REV.
AREV. E.C.N. NUMBER AND REVISION COMMENTS
A SEE PAGE #1

DATE



PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	29	30
COM1	COM1				P1	P4	1D	1DP	2D	2DP	3D	P3	4D	4FB	5D	I5	I7	I3	I6	I8	M1	I4		
COM2		COM2			P2	1E	1C	2E	2C	3E	3C	4E	4C	5E	5C	W9	W4	W1	N5	M8	M3	L2		
COM3			COM3		I2	1G	1B	2G	2B	3G	3B	4G	4B	5G	5B	W7	W3	W2	W6	M7	M4	L3		
COM4				COM4	I1	1F	1A	2F	2A	3F	3A	4F	4A	5F	5A	W5	K1	K2	W8	M6	M2	L1		

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.

A

PART NUMBER

LCD-H302M32TF-1

KENMORE CUSTOM LCD PANEL, TN, TRANSFLECTIVE,
12:00 VIEW, WIDE OPERATING TEMP, 1/4 DUTY, 1/3 BIAS.

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: 12.16.04

PAGE: 2 OF 3

SCALE: N/A

UNCONTROLLED DOCUMENT

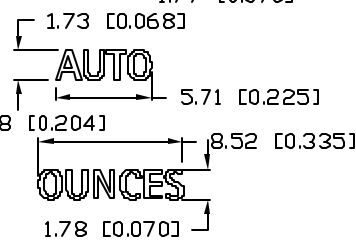
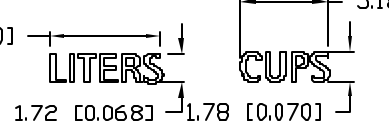
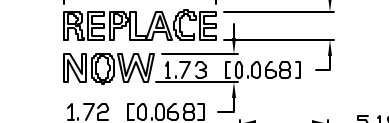
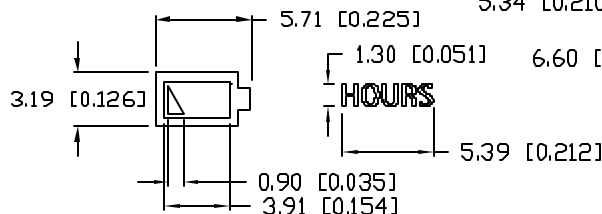
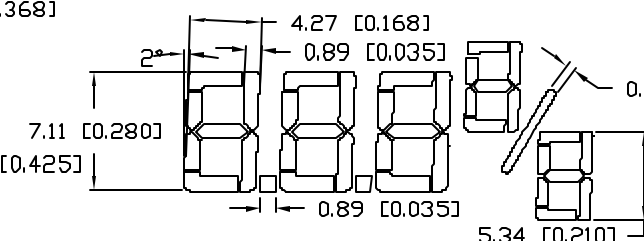
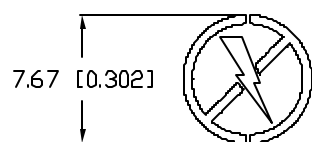
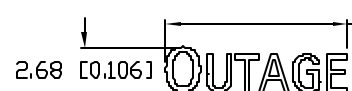
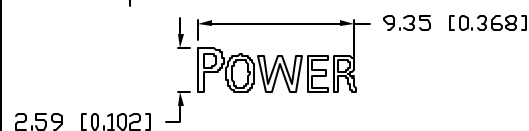
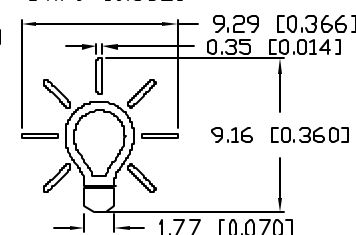
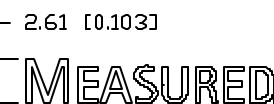
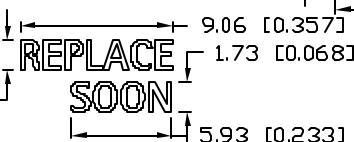
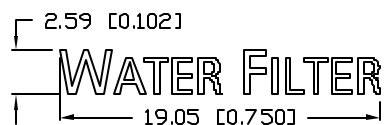
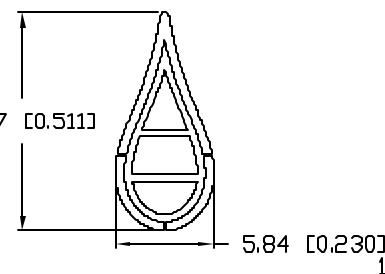
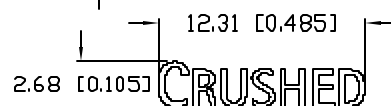
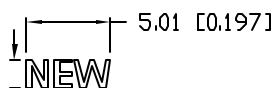
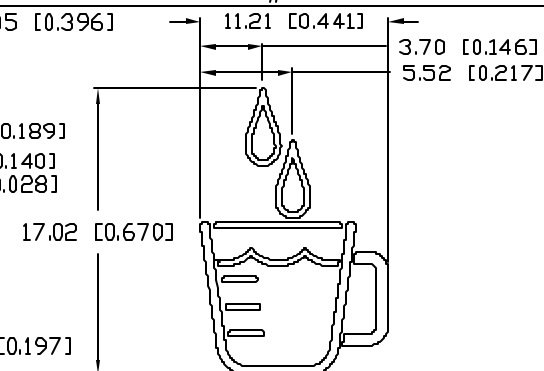
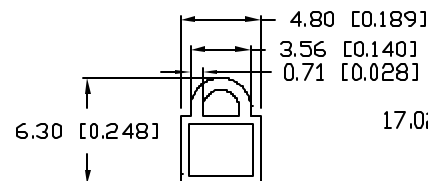
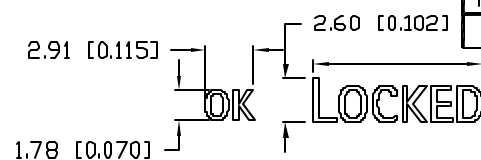
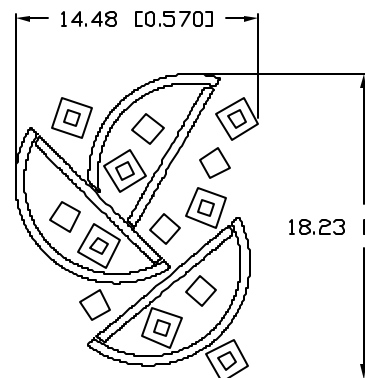
PART NUMBER
LCD-H302M32TF-1REV.
A

REV. E.C.N. NUMBER AND REVISION COMMENTS

DATE

A

SEE PAGE #1



*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-H302M32TF-1

KENMORE CUSTOM LCD PANEL, TN, TRANSFLECTIVE,
12:00 VIEW, WIDE OPERATING TEMP, 1/4 DUTY, 1/3 BIAS.

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: 12.16.04

PAGE: 3 OF 3

SCALE: N/A