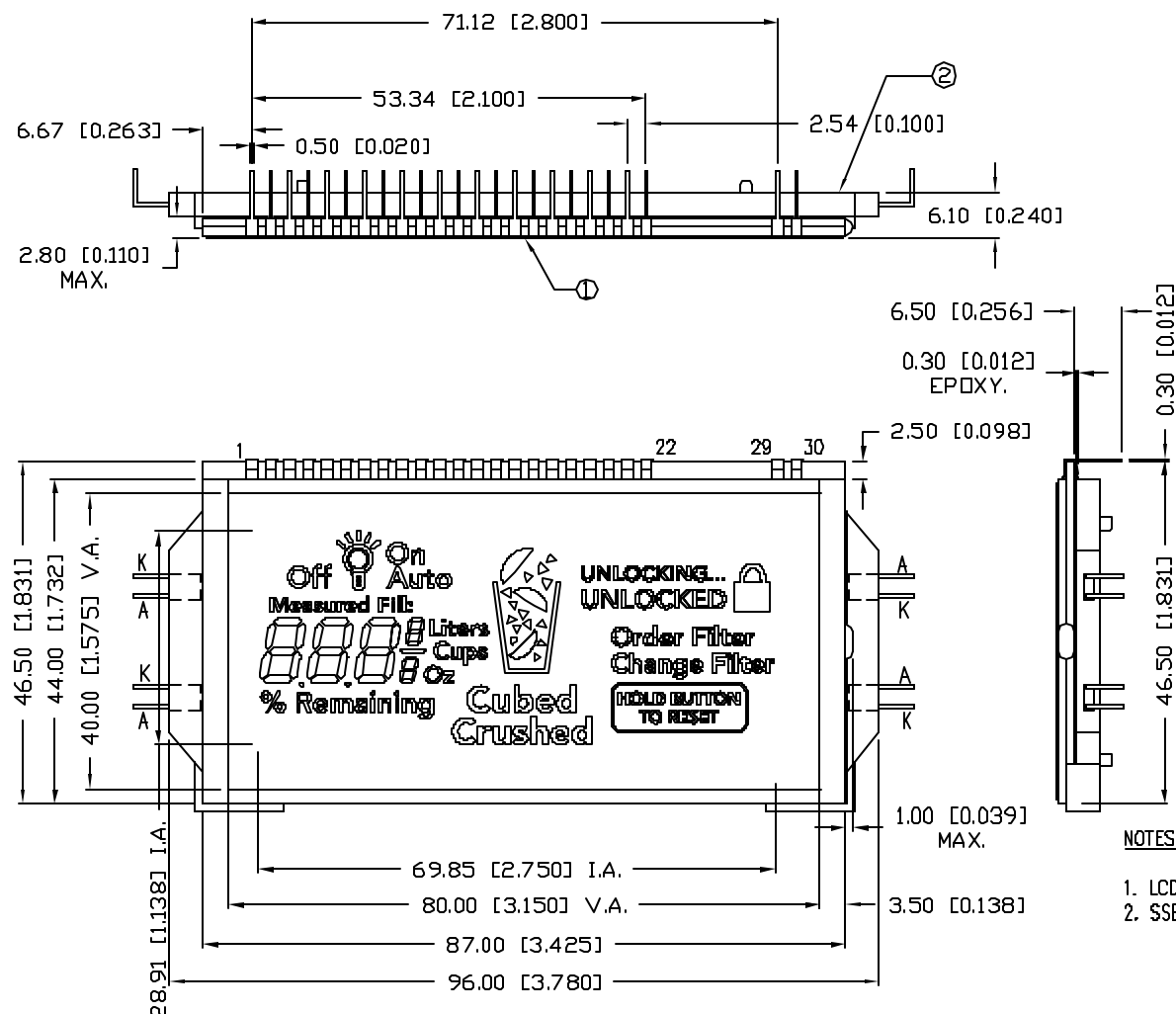


UNCONTROLLED DOCUMENT

PART NUMBER
LCD-H601M30TF-1WREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.07.07



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

ELECTRICAL CHARACTERISTICS		PER LED $T_A = 25^\circ\text{C}$				
*LED			MIN	TYP	MAX	
BACKLIGHT	VOLTAGE	V_f	-	3.3	3.8	V
	CURRENT	I_f	-	10	-	mA
	POWER CONSUMPTION	P_D	-	95	-	mW
	LUMINOUS	L	-	140	-	cd/m ²
	COLOR	WHITE				

*ONLY APPLIES TO MODULES WITH BACKLIGHT

NOTES:

1. LCD-H601M30TF-1, LCD GLASS.
2. SSB-CEL8040UWW, LED BACKLIGHT.

*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.
APART NUMBER
LCD-H601M30TF-1WKITCHENAID CUSTOM LCD PANEL, TN, TRANSFLECTIVE
WITH WHITE LED BACKLIGHT.

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.

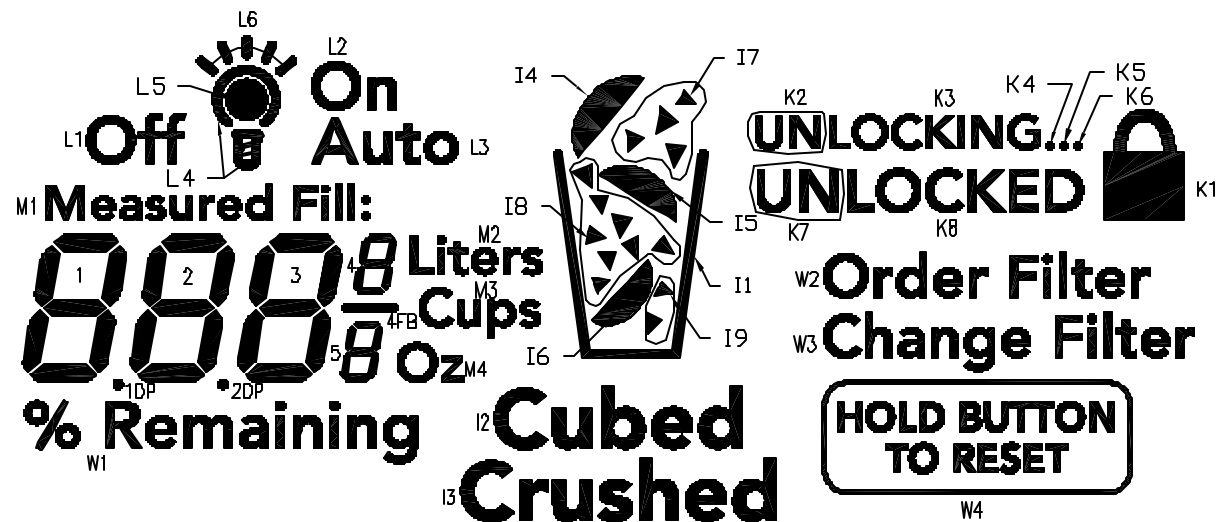


290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 12.15.04 PAGE: 1 OF 3 SCALE: N/A
-----------------	-------------	--------------	--

UNCONTROLLED DOCUMENT

PART NUMBER		REV.
LCD-H601M30TF-1W		P1
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	SEE PAGE #1	

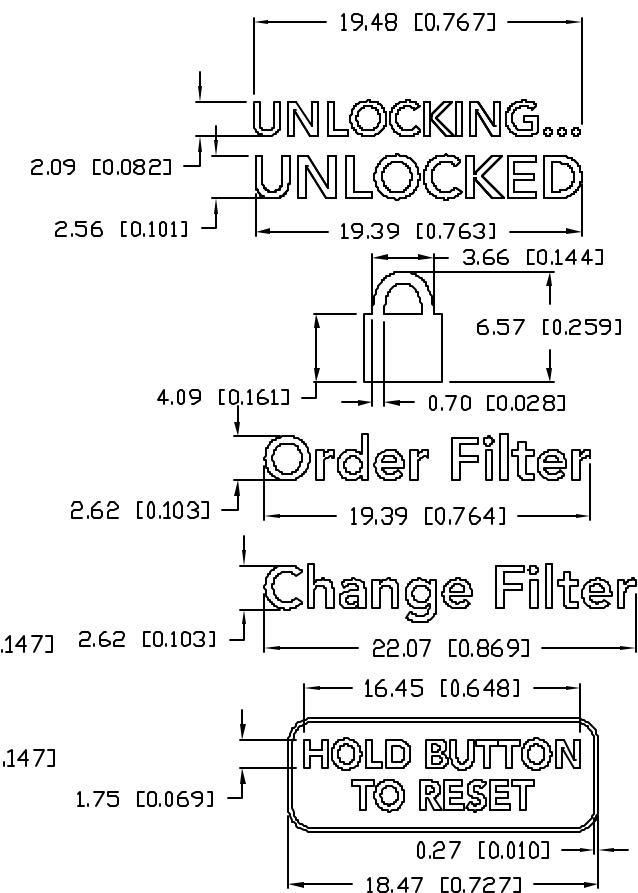
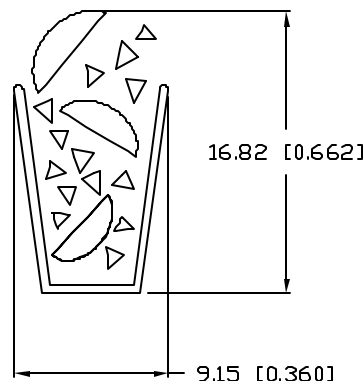
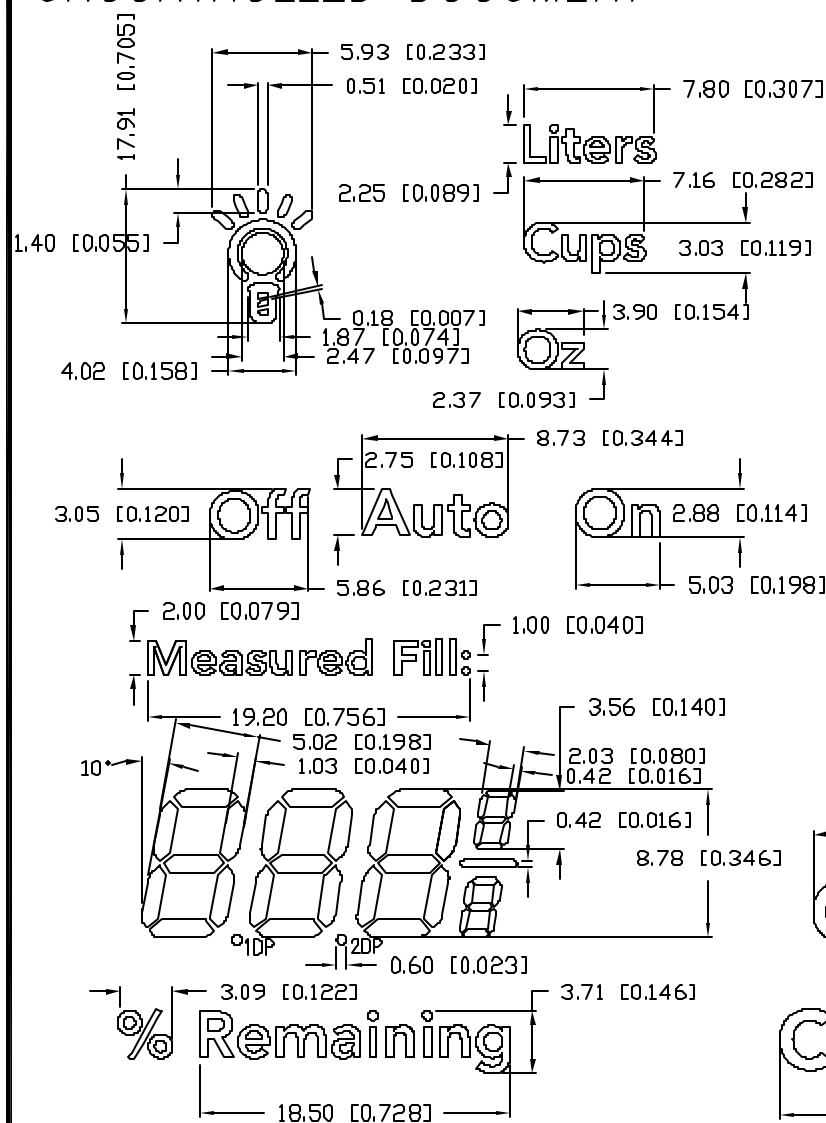


PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	29	30
COM1	COM1				L6	L2	I8	I7		K4	W2	V3	5D	M4	4D	4FB	3D	2DP	2D	1DP	1D	W1		
COM2		COM2			L5	L3	I6	I5		K5	K1	V4	5C	5E	4C	4E	3C	3E	2C	2E	1C	1E		
COM3			COM3		L4	M1	I1	I9		K6	K8	I3	5B	5G	4B	4G	3B	3G	2B	2G	1B	1G		
COM4				COM4	L1	M2	M3	I4	K2	K3	K7	I2	5A	5F	4A	4F	3A	3F	2A	2F	1A	1F		

*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. P1	PART NUMBER LCD-H601M30TF-1W	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
KITCHENAID CUSTOM LCD PANEL, TN, TRANSFLECTIVE WITH LED BACKLIGHT.		DRAWN BY: JD	CHECKED BY: APPROVED BY: DATE: 12.15.04 PAGE: 2 OF 3 SCALE: N/A

UNCONTROLLED DOCUMENT



PART NUMBER
LCD-H601M30TF-1W

REV.
P1

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 PRECISION -0.00 MAX.= +0.00 PRECISION -0.00

REV.
P1

PART NUMBER
LCD-H601M30TF-1W

KITCHENAID CUSTOM LCD PANEL, TN, TRANSFLECTIVE
WITH LED BACKLIGHT.

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: JD	CHECKED BY:	APPROVED BY:	DATE: 12.15.04 PAGE: 3 OF 3 SCALE: N/A
-----------------	-------------	--------------	--