

LCM-S640480GWF-C

PRELIMINARY IN P/N DIR

PIN CONFIGURATION

PIN NO.	SYMBOL	DESCRIPTION
1	S	SCAN START-UP SIGNAL
2	CP1	INPUT DATA LATCH SIGNAL
3	CP2	DATA INPUT CLOCK SIGNAL
4	DISP	DISPLAY CONTROL SIGNAL
5	VDD	POWER SUPPLY FOR LOGIC AND LCD (+) 3.3V
6	VSS	GROUND POTENTIAL
7	VEE	POWER SUPPLY FOR LCD (+)
8	DU0	DISPLAY DATA SIGNAL
9	DU1	
10	DU2	
11	DU3	
12	VSS	GROUND POTENTIAL
13	DL0	DISPLAY DATA SIGNAL
14	DL1	
15	DL2	
16	DL3	

MECHANICAL DATA

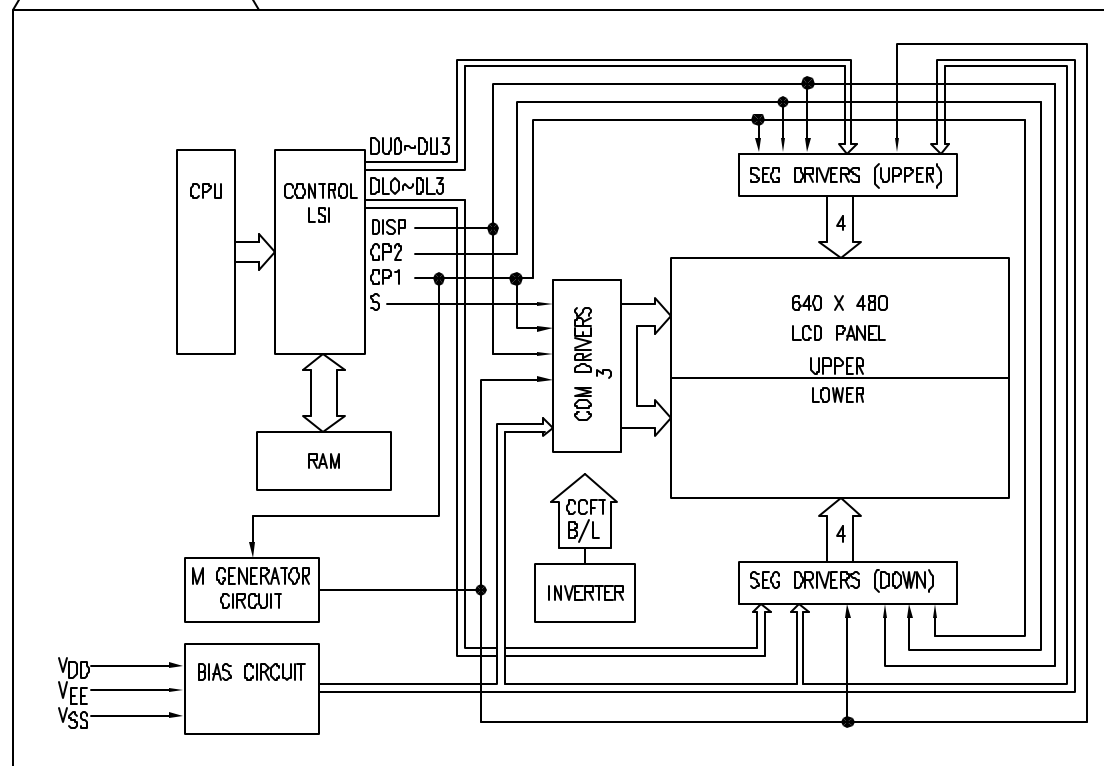
ITEM	SPECIFICATION	UNIT
MODULE SIZE (W X H X T)	167.70 (W) X 122.80 (H) X 5.30 (D)	mm
VIEWING AREA (W X H)	125.60 (W) X 95.20 (H)	mm
DOT PITCH (W X H)	121.58 (W) X 95.20 (H)	mm
DOT SIZE (W X H)	0.19 X 0.19	mm
RESOLUTION	640 X 480	DOTS

CCFT PIN SPECIFICATION

ITEM	SYMBOL	DESCRIPTION
1	GND	GROUND LINE (FROM INVERTER)
2	NC	NO CONNECTION
3	HOT	HIGH VOLTAGE LINE (FROM INVERTER)

BLOCK DIAGRAM

640 X 480 1/240 DUTY, 1/17 BIAS



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 MAX.=+0.00 -DECIMAL PRECISION

REV.

PART NUMBER

LCM-S640480GWF-C

640 X 480 GRAPHIC LCD MODULE, FSTN,
TRANSFLECTIVE, CCFL BACKLIGHT, VLCD = 23.1V
1/240 DUTY, 1/17 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:

CHECKED BY:

APPROVED BY:

DATE: 4.03.02

GB

PAGE: 2 OF 2

SCALE: N/A

SCALE: N/A