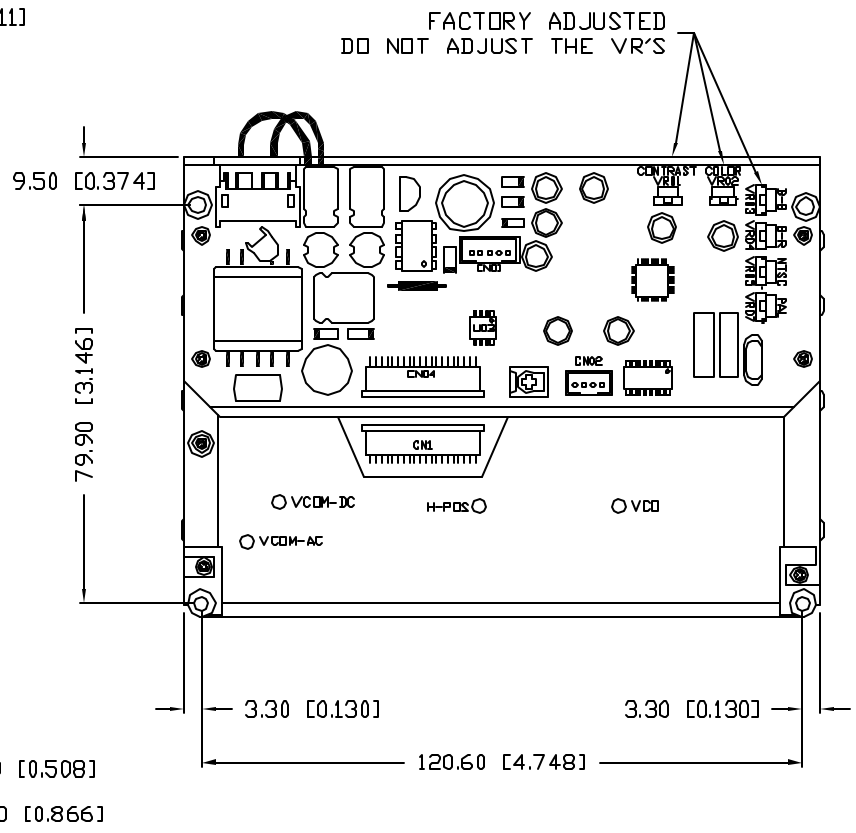
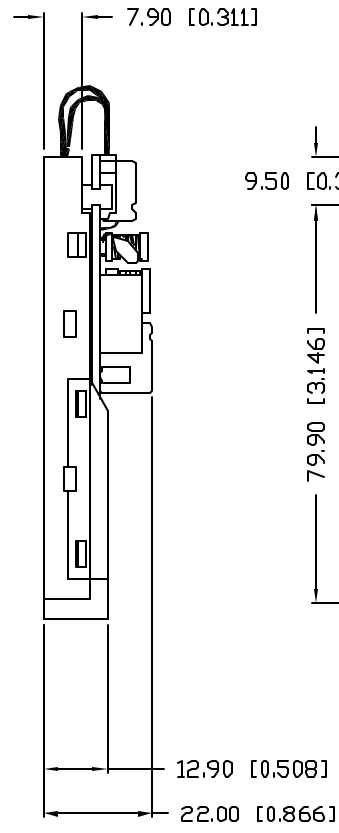
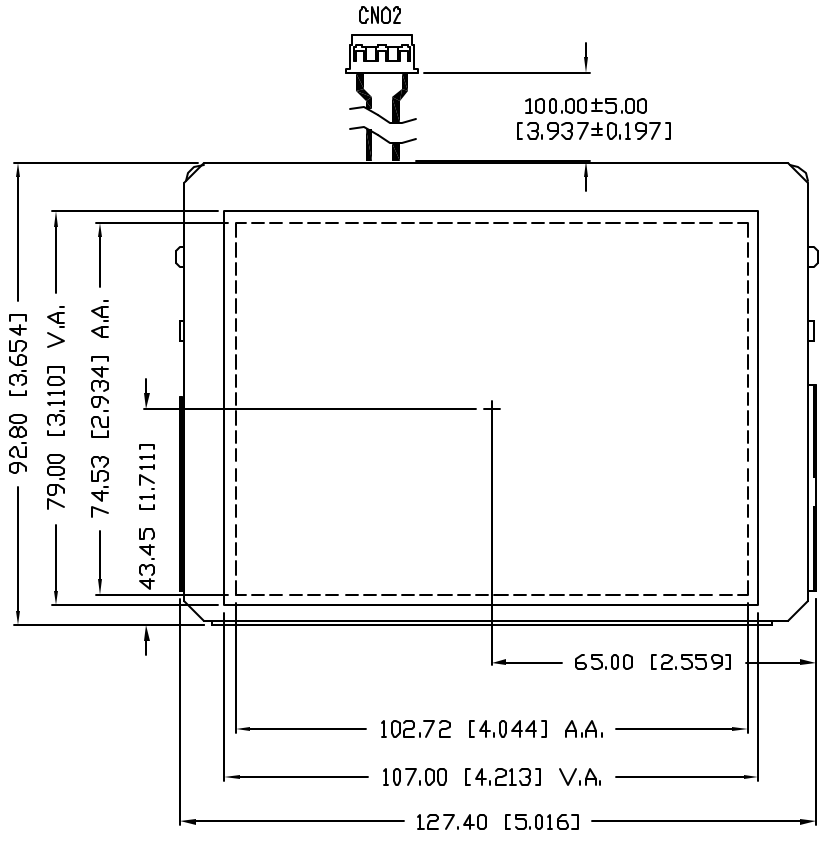


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
LCM-960234GF-50FC		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	4.18.07



*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= ^{+0.00} _{-0.00} DECIMAL PRECISION MAX.= ^{+0.00} _{-0.00} DECIMAL PRECISION

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

5.0" COLOR TFT MODULE, 960 x 234 RESOLUTION,
 ANALOG COMPOSITE VIDEO SIGNAL, NTSC/PAL AUTO SWITCH.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
JC			5.21.03
			PAGE: 1 OF 2
			SCALE: N/A



PART NUMBER		REV.
LCM-960234GF-50FC		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	SEE PAGE #1	

DISPLAY SIZE	5.0" COLOR TFT LCD
RESOLUTION	960 (w) x 234 (h)
ACTIVE AREA	102.72 (w) x 74.53 (h)
DOT PITCH	0.107 (w) x 0.319 (h)
WEIGHT	80±5 g.
BACKLIGHT	CCFT (10,000 hr. MIN. AT Tamb=25°C)

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNITS
OPERATING VOLTAGE	Vop	10	12	30	V.D.C.
OPERATING TEMP	Top	0	~	60	°C
STORAGE TEMP	Tstg	-30	~	80	°C
OPERATING HUMIDITY	Ho			85%	RH
STORAGE HUMIDITY	Hs			85%	RH
POWER CONSUMPTION	Pc			7	W
INPUT SIGNAL	NTSC		PAL		
	fH	15.75	15.625		KHz
	fV	60	50		Hz
	fc	3.58	4.43		MHz

*COMPOSITE VIDEO SIGNAL 1Vp-p/75 OHMS.

	SYMBOL	MIN	TYP	MAX	UNITS
VIEWING ANGLE	RIGHT	55			DEG
	LEFT	55			DEG
	UP	15			DEG
	DOWN	35			DEG
BRIGHTNESS			350		cd/m ²
CONTRAST RATIO			150		

CN01 (5 PINS)					
PARAMETER	COLOR OF WIRE	VOLTAGE		CURRENT	
		MIN.	MAX.	MIN.	MAX.
DC INPUT (Vcc)	RED	10V	30V	-	0.7A
GND	BLACK	-	-	-	-
N/C	-	-	-	-	-
N/C	-	-	-	-	-
N/C	-	-	-	-	-

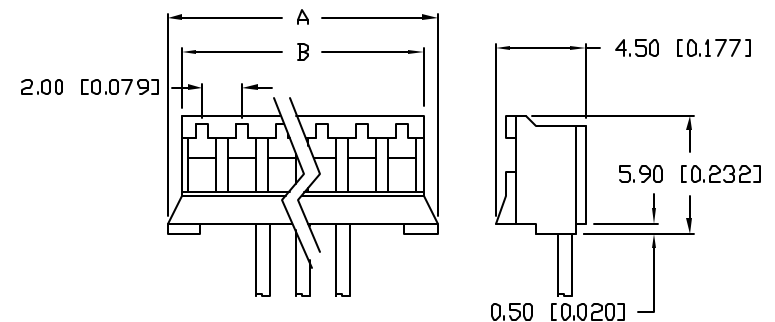
CN02 (4 PINS)					
PARAMETER	COLOR OF WIRE	VOLTAGE		CURRENT	
		MIN.	MAX.	MIN.	MAX.
VIDEO SIGNAL	WHITE	0.8Vp-p	1.2Vp-p	-	-
GND	BLACK	-	-	-	-
N/C	-	-	-	-	-
N/C	-	-	-	-	-

NOTES:

1. CN01 & CN02 ARE 2mm PITCH CONNECTORS.
2. WIRE LENGTH 300mm.

PIN DIMENSIONS IN mm

	A	B
CN01	11.8	8.0
CN02	9.8	6.0



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REV.	PART NUMBER
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			PAGE: 2 OF 2
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