

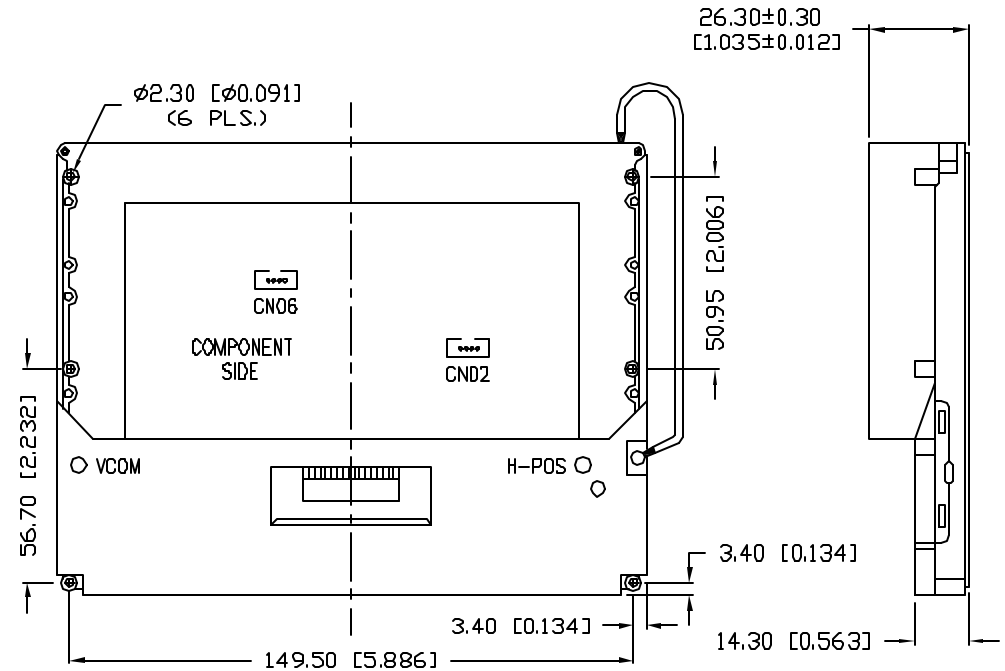
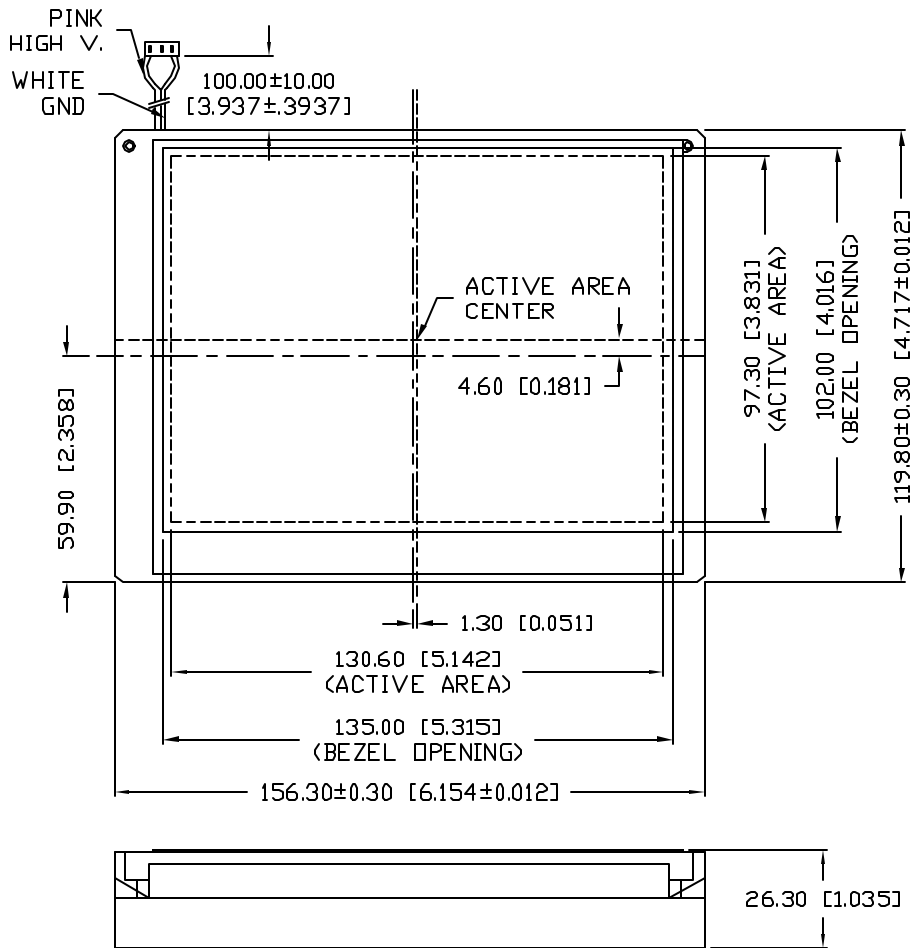
UNCONTROLLED DOCUMENT

PART NUMBER
LCM-960234GF-64FC

REV.
A

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & #10492./	12-29-98



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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

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LUMEX
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6.4" COLOR TFT MODULE,
960 x 234 RESOLUTION.

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: SA/BC	CHECKED BY:	APPROVED BY:	DATE: 12-3-98
			PAGE: 1 OF 3
			SCALE: N/A

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	SEE PAGE #1.	

TFT MECHANICAL CHARACTERISTICS

DISPLAY SIZE	6.4" COLOR TFT LCD
RESOLUTION	960 (w) x 234 (h)
ACTIVE AREA	130.8 (w) x 97.3 (h)
DOT PITCH	0.138 (w) x 0.416 (h)
WEIGHT	340±5 g.
BACKLIGHT	CCFT (10,000 hr. MIN. AT Tamb=25°C)

TFT OPERATING CONDITIONS

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNITS
OPERATING VOLTAGE	Vop	10	12	30	V.D.C.
OPERATING TEMP	Top	0°	~	50°	°C
STORAGE TEMP	Tstg	-25°	~	80°	°C
OPERATING HUMIDITY	Ho			85%	RH
STORAGE HUMIDITY	Hs			85%	RH
INPUT SIGNAL(NTSC)* SYNC NEGATIVE	Vi		1Vp-p		
	fH		15.75		Khz
	fV		60		Hz
	fc		3.58		MHz
POWER CONSUMPTION	Pc			7	W

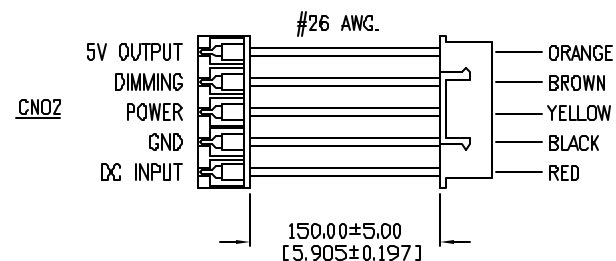
*COMPOSITE VIDEO SIGNAL 1Vp-p/75 OHMS.

OPTICAL CHARACTERISTICS

	SYMBOL	MIN	TYP	MAX
VIEWING ANGLE	RIGHT	50°		
	LEFT	50°		
	UP	10°		
	DOWN	30°		

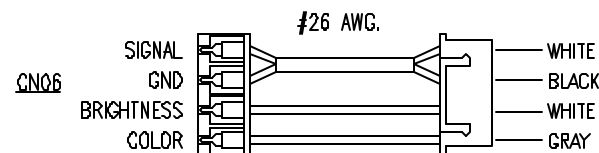
PIN ASSIGNMENT FOR MAIN BOARD

PARAMETER	COLOR OF WIRE	VOLTAGE		CURRENT	
		MIN.	MAX.	MIN.	MAX.
DC INPUT	RED	10V	30V	-	0.8A
GND	BLACK	-	-	-	-
POWER	YELLOW	0V	5V	0.5mA	-
DIMMING	BROWN	0V	5V	0.5mA	-
5V OUTPUT	ORANGE	4.8V	5.2V	-	3mA



PIN ASSIGNMENT FOR MAIN BOARD

PARAMETER	COLOR OF WIRE	VOLTAGE		CURRENT	
		MIN.	MAX.	MIN.	MAX.
SIGNAL	WHITE	0.8Vp-p	1.2Vp-p	-	-
GND	BLACK	-	-	-	-
BRIGHTNESS	WHITE	0V	5V	3mA	-
COLOR	GRAY	0V	5V	3mA	-



NOTES:

- CNO2 & CNO6 ARE 2mm PITCH CONNECTORS.
- WIRE LENGTH 150mm.

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6.4" COLOR TFT MODULE,
960 x 234 RESOLUTION.

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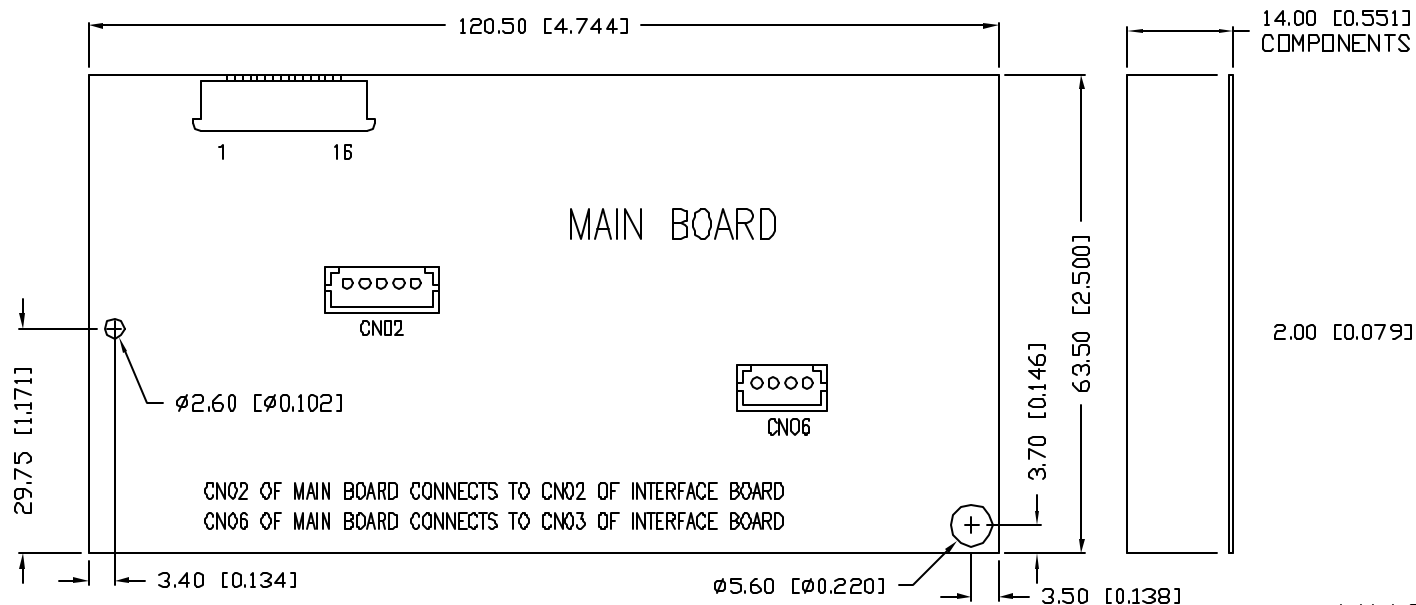
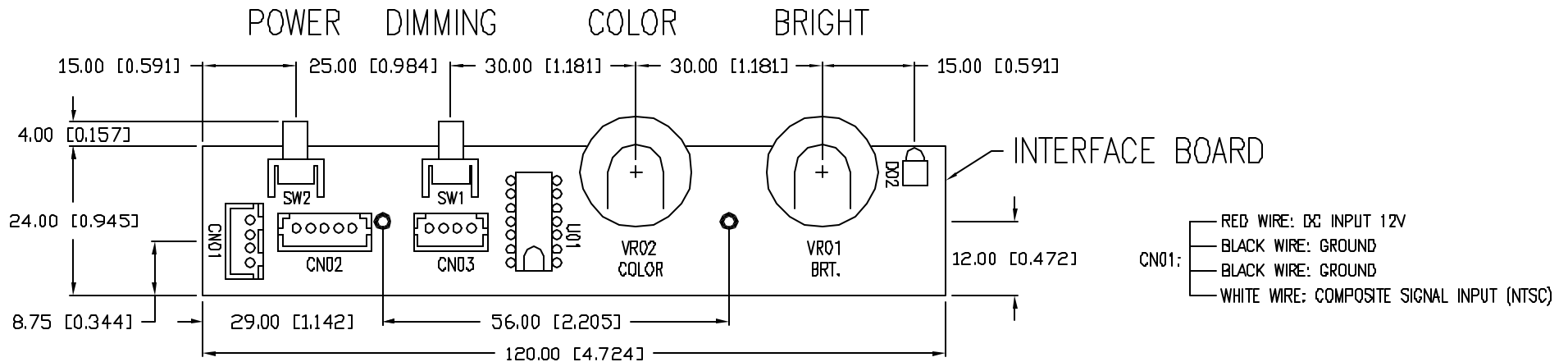


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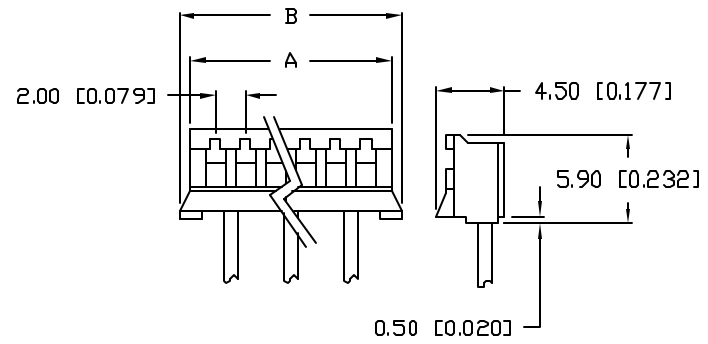
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	A	B
CN02	8.0mm	11.8mm
CN06	6.0mm	9.8mm



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6.4" COLOR TFT MODULE, 960 x 234 RESOLUTION.	

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