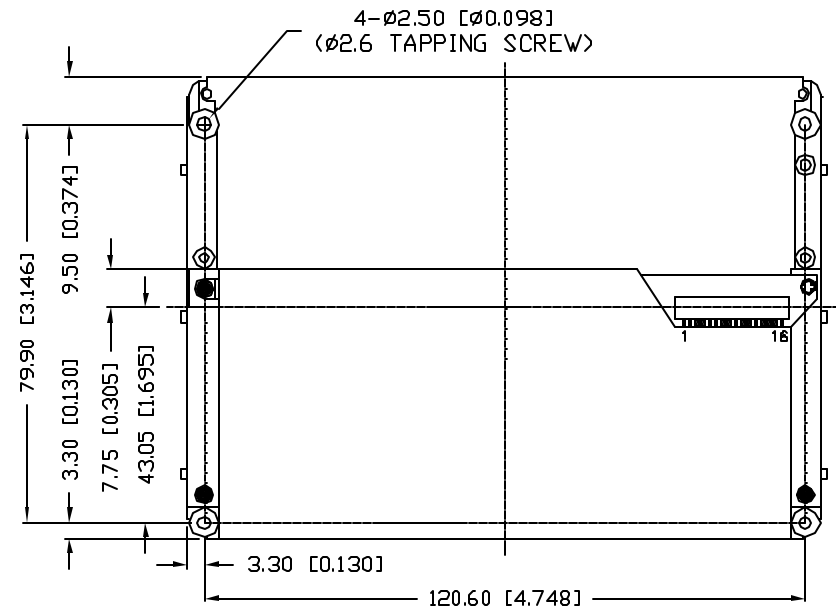
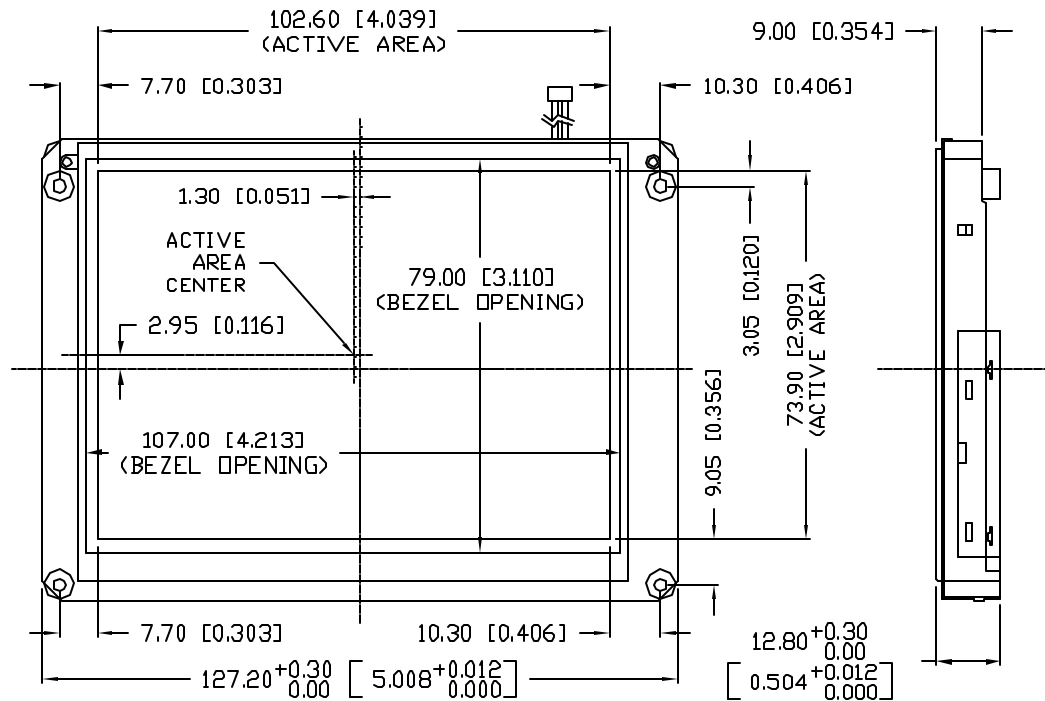


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PART NUMBER
LCM-600234GF-50FCREV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & #10492./	12-29-98
B	E.C.N. #11148.	4.25.07



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REV.
BPART NUMBER
LCM-600234GF-50FC5.0" COLOR TFT MODULE,
600 x 234 RESOLUTION.

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RELIABILITY NOTE
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PART NUMBER		REV.
LCM-600234GF-50FC		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
B	SEE PAGE #1	

TFT MECHANICAL CHARACTERISTICS

DISPLAY SIZE	5.0" COLOR TFT LCD
RESOLUTION	600 (w) x 234 (h)
ACTIVE AREA	102.6 (w) x 73.9 (h)
DOT PITCH	0.171 (w) x 0.316 (h)
WEIGHT	255±5 g.
BACKLIGHT	CCFT (10,000 hr. MIN. AT Tamb=25°C)

TFT OPERATING CONDITIONS

PARAMETERS	SYMBOL	MIN	TYP	MAX	UNITS
OPERATING VOLTAGE	V _{op}	10	12	30	V.D.C.
OPERATING TEMP	T _{op}	0°	~	50°	°C
STORAGE TEMP	T _{stg}	-25°	~	70°	°C
OPERATING HUMIDITY	H _o			85%	RH
STORAGE HUMIDITY	H _s			85%	RH
INPUT SIGNAL(NTSC)*	V _i		1V _{p-p}		
SYNC NEGATIVE	f _H		15.75		Khz
	f _V		60		Hz
	f _c		3.58		MHz
POWER CONSUMPTION	P _c			8	W

*COMPOSITE VIDEO SIGNAL 1V_{p-p}/75 OHMS.

OPTICAL CHARACTERISTICS

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

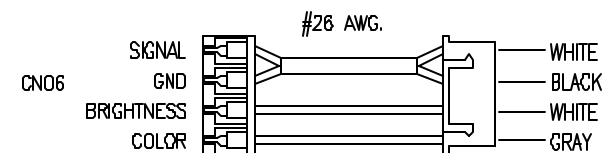
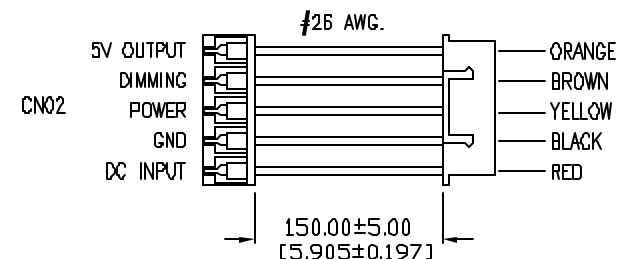
PIN ASSIGNMENT FOR MAIN BOARD

CN02 (5 PINS)					
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

CN06 (4 PINS)					
PARAMETER	COLOR OF WIRE	VOLTAGE		CURRENT	
		MIN.	MAX.	MIN.	MAX.
SIGNAL	WHITE	0.8V _{p-p}	1.2V _{p-p}	-	-
GND	BLACK	-	-	-	-
BRIGHTNESS	WHITE	0V	5V	3mA	-
COLOR	GRAY	0V	5V	3mA	-

NOTE:

1. CN02 AND CN06 ARE 2mm PITCH CONNECTORS.
2. WIRE LENGTH 150mm.



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REV.	PART NUMBER
B	LCM-600234GF-50FC

5.0" COLOR TFT MODULE,
600 x 234 RESOLUTION.

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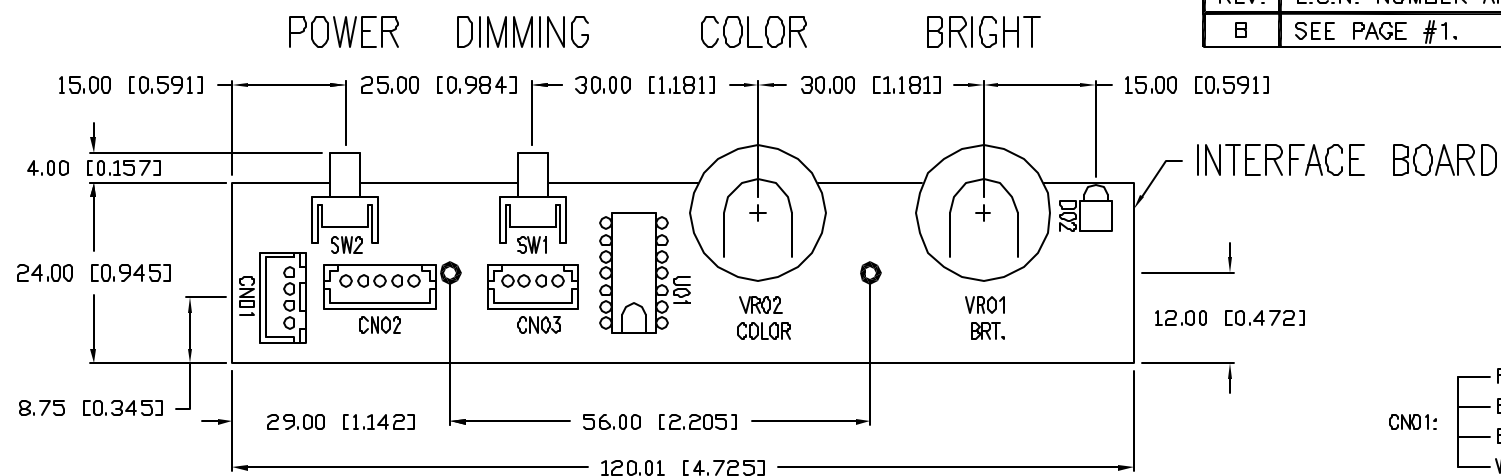
REV.

B

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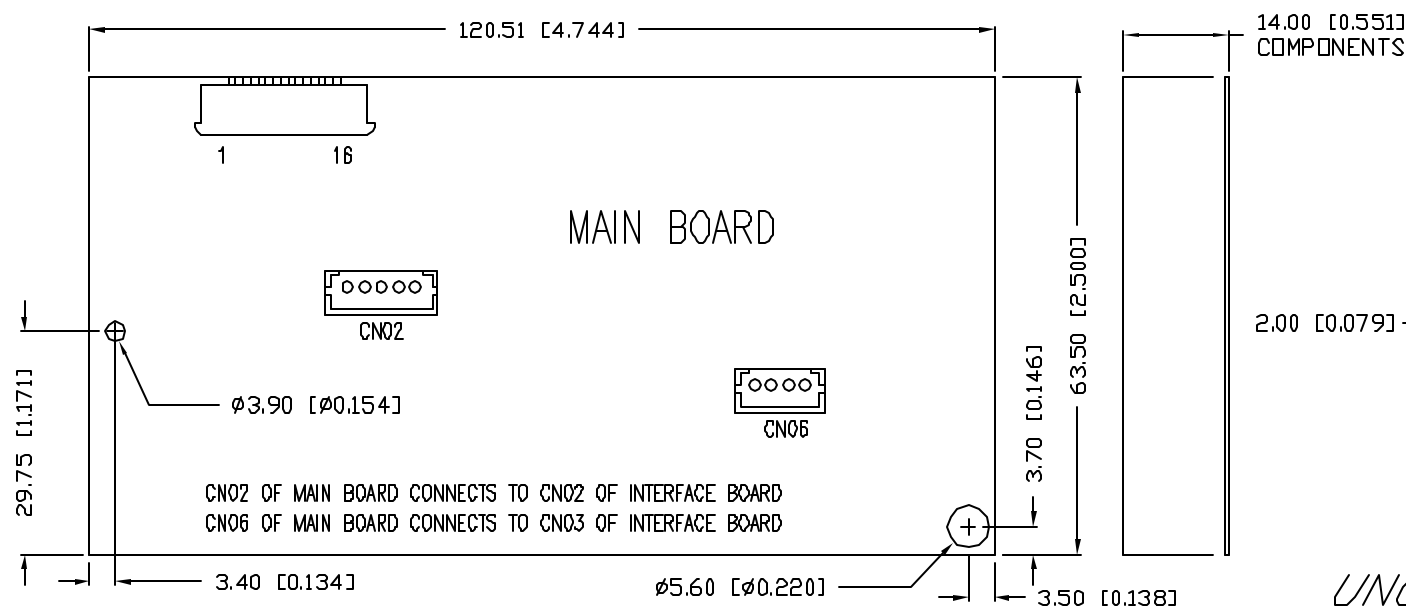
DATE

B SEE PAGE #1.



CN01:

- RED WIRE: DC INPUT 12V
- BLACK WIRE: GROUND
- BLACK WIRE: GROUND
- WHITE WIRE: COMPOSITE SIGNAL INPUT (NTSC)



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

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