

1. Application

5" Color TFT LCD Monitor Kits is subject to car monitor, TV monitor and other industrial Equipment.

2. Specifications

2-1	Display	5" color TFT LCD												
2-2	Resolution	320 (RGB) x 234												
2-3	Action Area	102.72 (H) x 74.529 (V)												
2-4	Dot Pitch	0.321 (H) x 0.3185 (V)												
2-5	Pixel Configuration	Stripe												
2-6	Back light	CCFL												
2-7	Input Signal	NTSC & PAL (auto-switch) composite video signal 1Vp-p / 75 ohm sync.Negative												
		<table> <thead> <tr> <th></th> <th>NTSC</th> <th>PAL</th> </tr> </thead> <tbody> <tr> <td>f_H</td> <td>15.75 KHz</td> <td>15.625 KHz</td> </tr> <tr> <td>f_V</td> <td>60 Hz</td> <td>50 Hz</td> </tr> <tr> <td>f_C</td> <td>3.58 MHz</td> <td>4.43 MHz</td> </tr> </tbody> </table>		NTSC	PAL	f_H	15.75 KHz	15.625 KHz	f_V	60 Hz	50 Hz	f_C	3.58 MHz	4.43 MHz
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f_H	15.75 KHz	15.625 KHz												
f_V	60 Hz	50 Hz												
f_C	3.58 MHz	4.43 MHz												
2-8	Power Source	DC 12V ~ 24V (ripple 0.5 Vp-p max.)												
2-9	Range of Operating Voltage	DC 10V ~ 24V												
2-10	Power Consumption	6.5W max.												
2-11	Operating Temperature	-20°C~70°C												
2-12	Storage Temperature	-30°C~80°C												
2-13	Operating Humidity	max.85% RH												
2-14	Storage Humidity	max.85% RH												
2-15	Overall Dimension	125.6 (W) x 98.9 (H) x 23.1 (D)												
2-16	Weight	190 ± 5 g												

3. Optical Specifications

3-1	Lamp Life-time	20,000 hr min. (at Tamb=25°C)								
3-2	Typ. Viewing Angle	<table> <tr> <td>Right</td> <td>70 deg</td> </tr> <tr> <td>Left</td> <td>70 deg</td> </tr> <tr> <td>Top</td> <td>40 deg</td> </tr> <tr> <td>Bottom</td> <td>60 deg</td> </tr> </table>	Right	70 deg	Left	70 deg	Top	40 deg	Bottom	60 deg
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3-3	Brightness	Typ. 350 cd/m ²								
3-4	Contrast Ratio	Typ. 300								

4. Connector

4-1 Harness connector : pitch 2mm, length 300mm

4-2 Pin Assignment

CN1 (5 pin) For L-41

Pin	Parameter	Color of Wire	Voltage		Note
			Min.	Max.	
1	DC input (Vcc)	Red	10V	24V	
2	Ground	Black	-----	-----	
3	Ps/On off	-----	0V	5V	*1
4	Mirror	-----	0V	24V	*2
5	5V Output	-----	-----	-----	

*1) Enable Input. When higher than 1.3V, this pin turns the IC on. When lower than 0.7V, this pin turns the IC off. Output voltage is discharged when the IC is off.

*2) Mirror function works on when over 5V.

CN2 (4 pin) For L-40

Pin	Parameter	Color of Wire	Voltage		Note
			Min.	Max.	
1	Color	-----	0V	5V	VR2
2	Dimmer	-----	0V	5V	VR1
3	Ground	Black	-----	-----	
4	Signal	White	0.8Vp-p	1.2Vp-p	

Dimension of Pins :

	A	B
CN1	8.0mm	11.8mm
CN10	6.0mm	9.8mm





