

4.0" qVGA General Specification

June. 09. 2006

1. General Specification



	Model number	LB040Q03-TD02	Remarks
General Characteristics	Diagonal display size	4"	
	Pixel pitch (HxV mm) * (optional)	0.255x0.255	
	Resolution (Pixel number)	320xRGBX240	
	Displaying Operating Mode	<i>Transmissive Mode & Normally White</i>	
	Backlight Unit	LED	
	Pixel Numbers (Color Depth)	262,144(6BITS)	
	Outline Dimensions (Typ. HxVxT mm)	96.0x75.6x3.97	<i>With FPC(Typ.)</i>
Optical Characteristics	Brightness (Typ. nit=cd/square meter)	400	8 LEDs(TD01: 6 LEDs)
	Contrast Ratio (6 O'clock)	450	
	Viewing angle (Up/Down, Left/Right degree)	50/60/65/65	Main viewing angle 6 o'clock(WV-EA)
	Response time (Tr, Tf ms)	30(Tr+Tf)	
Characteristics	Display size (HxV mm) * (Active Area)	81.6x61.2	
	Interface Type	Digital RGB+SPI interface	<i>18bit (24bit possible)</i>
Temperature	Operating temperature (C)	-20 ~ 70(Ta)	
	Storage temperature (C)	-30 ~ 80(Ta)	
	Current Status	1st Sample : '06 Jun MP : '06 Q3	
	Remarks	<i>Tcon Inside in IC No power supply No ESD spec</i>	

2. LCM Outline Dimension



- LCM Outline : 96mm * 75.6mm * 3.97mm

