

PC 2004-A Series



Outline Dimension & Block Diagram

MECHANICAL SPECIFICATION									
Overall Size		98.0 * 60.0	Module		H2 / H1				
View Area		76.0 * 25.2	W/O B/L		5.0 / 9.6				
Dot Size		0.55 * 0.55	EL B/L		5.0 / 9.6				
Dot Pitch		0.60 * 0.60	LED B/L		8.7 / 13.3				
PIN ASSIGNMENT			ABSOLUTE MAXIMUM RATING						
Pin no.	Symbol	Function	Item	Symbol	Conditions	Min.	Max.	Unit	
1	Vss	Power supply (GND)	Power Supply Voltage	Vdd-Vss	-	0	7	V	
			LCD Driving Supply Voltage	Vdd-Vee	-	0	13	V	
			Input Voltage	Vin	-	-0.3	Vdd+0.3	V	
2	Vdd	Power supply (+5V)	Operating Temperature	Topr	Nor.	0	50	°C	
			Storage Temperature	Tstg	Nor.	-20	+70	°C	
ELECTRICAL CHARACTERISTICS (Vdd= +5V, Ta=25°C)									
			Item	Symbol	Conditions	Min.	Typ.	Max.	Unit
3	Vo	Contrast adjust	Logic Supply Voltage	Vdd	-	4.5	5	5.5	V
4	RS	Register select signal	"H" Input Voltage	VIH	-	2.2	-	-	V
5	R/W	Data read / write	"L" Input Voltage	VIL	-	-	-	0.6	V
6	E	Enable signal	"H" Output Voltage	VOH	-	2.4	-	-	V
7	DB0	Data bus line	"L" Output Voltage	VOL	-	-	-	0.4	V
8	DB1	Data bus line	Supply Current	Idd	-	2	-	-	mA
9	DB2	Data bus line	LCD Driving Voltage	VLCD	Vdd-Vo	4.1	-	4.5	V
10	DB3	Data bus line							
11	DB4	Data bus line							
12	DB5	Data bus line							
13	DB6	Data bus line							
14	DB7	Data bus line							
15	A	Power supply for LED B/L (+)							
16	K	Power supply for LED B/L (-)							

