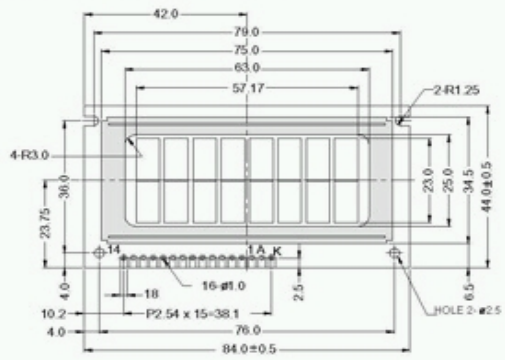
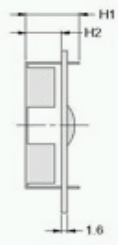
Products

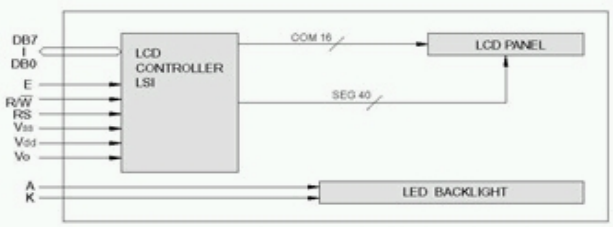
PC0802-L

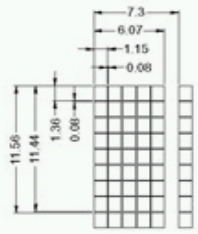
POWERTIP PC 0802-L

OUTLINE DIMENSION & BLOCK DIAGRAM









The tolerance unless classified ±0.3mm

MECHANICAL SPECIFICATION			
Overall Size	84.0 x 44.0	Module	H2 / H1
View Area	63.0 x 25.0	W /O B/L	– / –
Dot Size	1.15 x 1.36	EL B/L	– / –
Dot Pitch	1.23 x 1.44	LED B/L	9.1 / 13.7

PIN ASSIGNMENT		
Pin no.	Symbol	Function
1	Vss	Power supply(GND)
2	Vdd	Power supply(+)
3	Vo	Contrast Adjust
4	RS	Register select signal
5	R/W	Data read / write
6	E	Enable signal
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
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 (–)

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Condition	Min.	Max.	Units
Supply for logic voltage	Vdd-Vss	25°C	-0.3	7	V
LCD driving supply voltage	Vdd-Vee	25°C	-0.3	13	V
Input voltage	Vin	25°C	-0.3	Vdd+0.3	V

ELECTRICAL CHARACTERISTICS										
Item	Symbol	Condition	Min.		Typical		Max.		Units
Power supply voltage	Vdd-Vss	25°C	2.7		–		5.5		V
LCD operation voltage	Vop	Top	N	W	N	W	N	W	V
		-20°C	–	4.3	–	4.6	–	5.9	V
		0°C	4.5	–	4.8	–	5.1	–	V
		25°C	4.1	4.4	4.5	4.7	4.7	5	V
		50°C	3.8	–	4.1	–	4.4	–	V
		70°C	–	3.9	–	4.2	–	4.5	V
LCM current consumption (No B/L)	Idd	Vdd=5V	–		1.5		2.5		mA
Backlight current consumption	LED/edge	VB/L=4.2V	–		–		–		mA
	LED/array	VB/L=4.2V	–		200		–		mA

REMARK

LCD option: STN, TN, FSTN
Backlight Option: LED Backlight feature, other Specs not available on catalog is under request

Back to list

TOP

Copyright © 2000-2005 Powertip Technology Corporation. All rights reserved.

Downloaded from Arrow.com.