











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	Е	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	Α	Power supply for LED B/L (+)			
16	K	Power supply for LED B/L (-)			

ABSOLUTE MAXIMUM RATING										
Item	Symbo	ol	Condition		n Min.			Max.		Units
Supply for logic voltage	Vdd-Vss		25°C		-0.3			7		V
LCD driving supply voltage	Vdd-Ve	ее	25°C		-0.3			13		ν-
Input voltage	Vin		25°0	C -C		0.3		Vdd+0.3		<
ELECTRICAL CHARACTERISTICS										
Item	Symbol	Со	ndition	M	1in.	Typica		IV	lax.	Units
Power supply voltage	Vdd-Vss		25°C	2	.7	- 0		<b>5</b> .5		<b>V</b>
LCD operation voltage	Vop		Top		W	N	W	N	W	٧
		-	-20°C		4.3		4.6	-	5.9	V
			0°C		0	4.8	_	5.1	_	V
		25°C		4.1	4.4	4.5	4.7	4.7	5	V
		50°C		3.8	<b>/</b> _	4.1	_	4.4	_	٧
			70°C	_	3.9	ı	4.2	_	4.5	٧
LCM current consumption (No B/L)	ldd	V	Vdd=5V		_		1.5		.5	mA
Docklight current consumption	LED/edge	VB/L=4.2				_		_		mA
Backlight current consumption	LED/array	VB/L=4.2V		_		60				mΑ