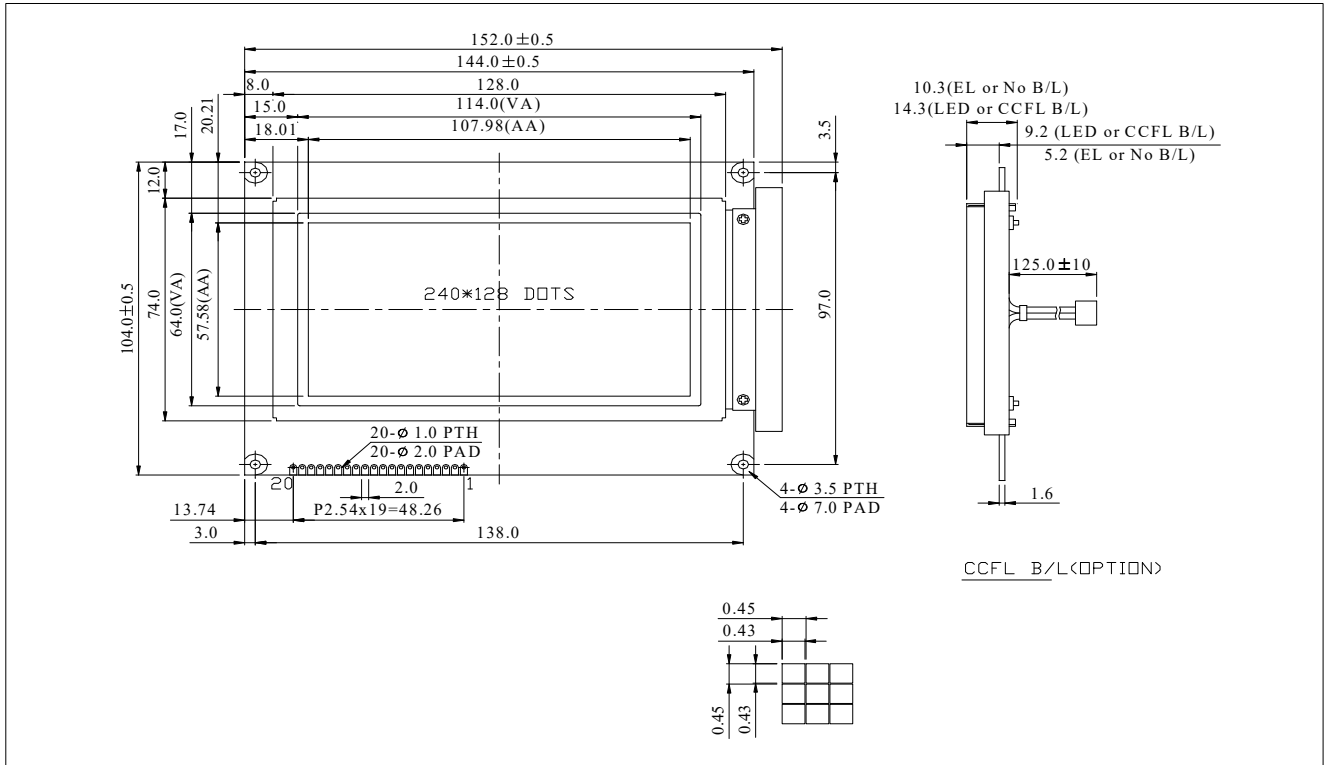


Dimension



FEATURE

1. 240*128 dots matrix
2. Logic Power +5v(+3V) Input
3. Built in T6963 Controller
4. 1/128 Duty signal scan
5. LED,CCFL, EL Backlight

INTERFACE FUNCTIONS

Pin NO	Symbol	Function
1	VSS	Logic Power GND
2	VDD	Logic Power +5V
3	V _o	LCD Operating Volt.
4	C/D	Command/Data Select
5	/RD	Read Signal
6	/WR	Write Signal
7	DB0	Data Bus D0
8	DB1	Data Bus D1
9	DB2	Data Bus D2
10	DB3	Data Bus D3
11	DB4	Data Bus D4
12	DB5	Data Bus D5
13	DB6	Data Bus D6
14	DB7	Data Bus D7
15	/CE	Chip Enable
16	/RESET	Reset Signal
17	VEE	Negative Output
18	MD	Mode Control
19	FS	6*8 or 8*8 Font Select
20	NC	e

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	144.0 * 104.0	mm
Viewing Area	114.0 * 64.0	mm
Dot Pitch	0.45 * 0.45	mm
Dot Size	0.43 * 0.43	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	VDD-VSS	2.8	5.0	5.5	V
Input Voltage	V _{IH}	0.7V _{dd}	V _{dd}	V _{dd} +0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VDD	25°C	2.7	5.0	5.3	V
Supply Current	IDD	25°C	15.0	25.0	30.0	mA
LCD Driving Voltage for	VDD-V _O	-20°C	20.0	20.5	21.0	V
		0°C	19.0	19.5	20.0	
		25°C	12.0	18.5	13.0	
		50°C	17.0	17.5	18.0	
		70°C	16.0	16.5	17.0	
LED B/L YG	V _F /LED	25°C	4.0V/ 600mA	4.2V/ 900mA	4.5V/ 1200	V/mA
CCFL B/L	V _F	25°C	350	400	450	V _{rms} / 40KHz