

BG16080E



Feature

1. SMT PCB with metal frame
2. Built-in controller LC7981
3. +5V single power supply, with built-in negative voltage
4. 1/80 duty cycle
5. Option: LED, EL B/L
6. Option: negative voltage

Mechanical Data

Item	Standard Value	Unit
Module Dimension	93.0 x 70.0	mm
Viewing Area	72.3 x 37.8	mm
Dot Size	0.39 x 0.39	mm
Dot Pitch	0.42 x 0.42	mm



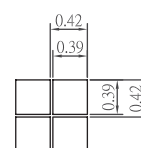
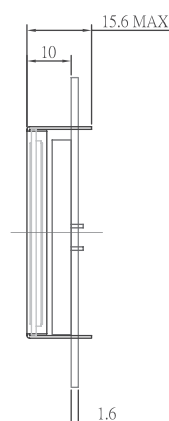
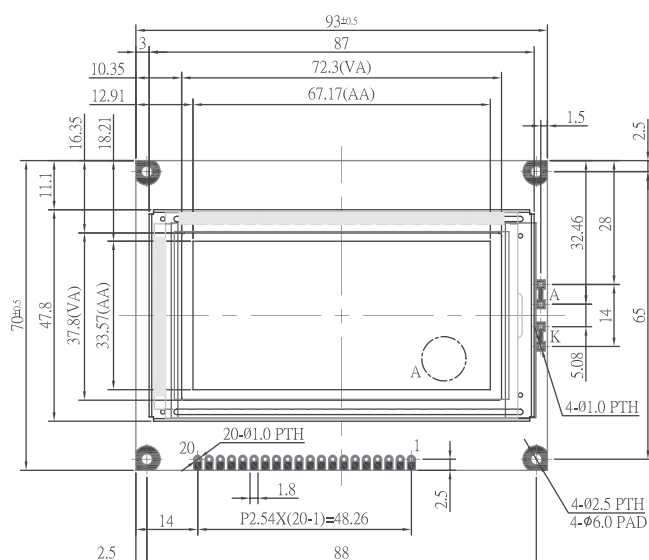
Pin Assignment

Pin	Symbol	Function
1	Vss	Power Supply (GND)
2	Vdd	Power Supply (+5V)
3	Vo	Contrast adjustment
4	D/I	Instruction/Data input
5	R/W	Data read/write
6	E	Chip Enable
7~14	DB0 ~ DB7	Data bus line
15	/CS	Chip select
16	/DISPOFF	Display off signal
17	/RES	Reset signal
18	Vee	Negative voltage output
19	A	Power supply for BL (+)
20	K	Power supply for BL (GND)

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	35	mA
LCD Driving Voltage	V _{LCD}	25°C	13.6	V

Dimension



Detail A
Scale 20:1