COB16080-03

Graphic 160x80dots

Part number list

WG16080D-□□□-□□#

Feature

1.Bulit-in controller RA6963 or equivalent
2.Bulit-in oscillation and nagative voltage
3.+3.3V / +5V single power supply
4. 8080 interface

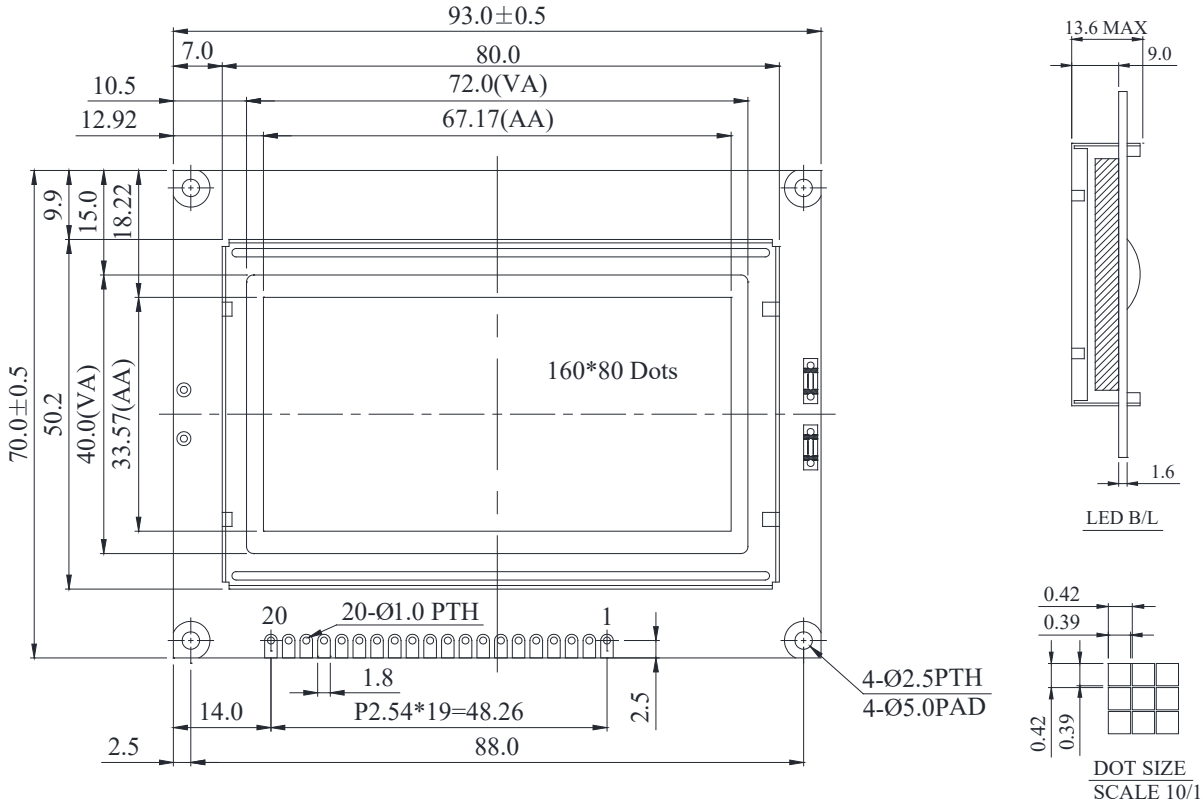
Pin Assignment

Pin No.	Symbol	Description
1	V_{SS}	Ground
2	V_{DD}	Power supply for logic
3	V_O	Contrast Adjustment
4	/WR	Data write. Write data into LCD Controller
5	/RD	Data read. Read data from LCD Controller
6	C/D	Data/ Instruction select 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	/CE	Enable signal
16	NC/FS	No connection
17	/RST	Controller reset signal, Active Low
18	V_{EE}	Negative Voltage Output
19	A	Power supply for B/L +
20	K	Power supply for B/L -

Mechanical Data

Item	Standard Value	Unit
Module Dimension	93.0 x 70.0	mm
Active Area	67.17 x 33.57	mm
Dot Pitch	0.42 x 0.42	mm
Dot Size	0.39 x 0.39	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Input Voltage	VDD	3 / 5	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25ºC	VDD-VO	13.5	V

Mechanical Drawing