COB16032-03

Graphic 160x32dots

Part number list

BG16032A□□□□□$

Feature

1.Bulit-in controller ST7920
2.Bulit-in oscillation
3.+5V single power supply
4.6800 / SPI interface
5.Built-in Chinese font
6.(Option) +3V power supply with negative voltage

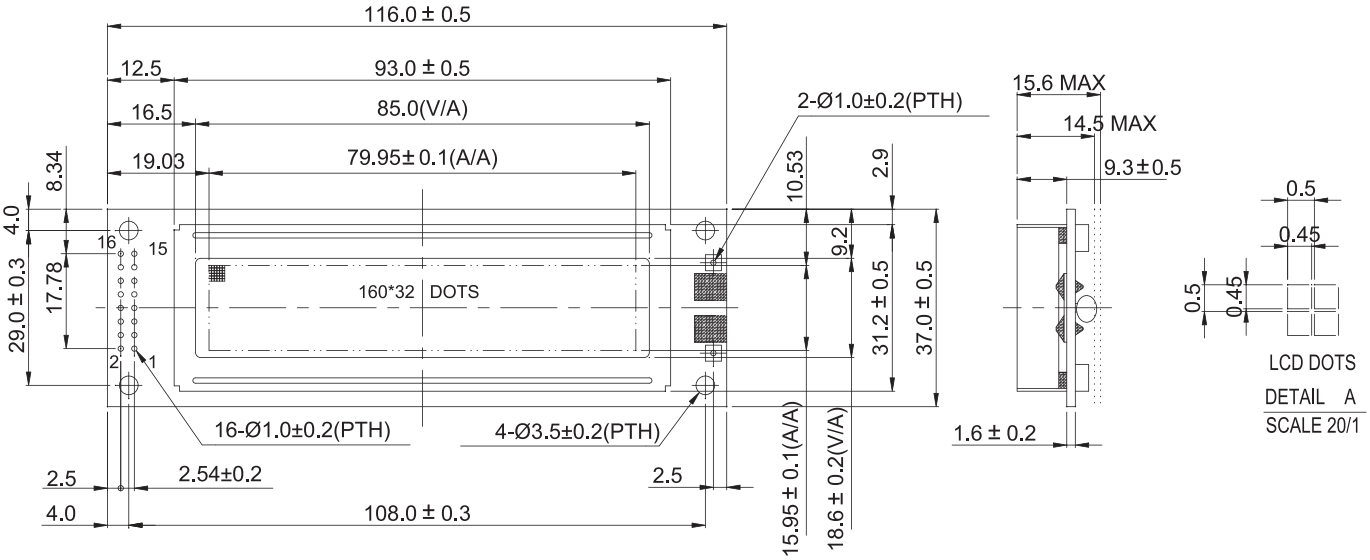
Pin Assignment

Pin	Symbol	Function
1	Vss	GND
2	Vdd	+5V(+3V option)
3	Vo	Contrast adjustment
4	RS	H/L register select signal
5	R/W	read/write signal
6	E	H-->L enable singal
7~14	DB0~7	H/L bus line
15	A/Vee	Power supply for B/L (+)/ Negative voltage output
16	K	Power supply for B/L (GND)

Mechanical Data

Item	Standard Value	Unit
Module Dimension	116.0 x 37.0	mm
Active Area	79.95 x 15.95	mm
Dot Pitch	0.50 x 0.50	mm
Dot Size	0.45 x 0.45	mm

Electrical Characteristics

Item	Symbol	Standard Value typ.	Unit
Input Voltage	VDD	5.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25ºC	VDD-VO	4.5	V

Mechanical Drawing