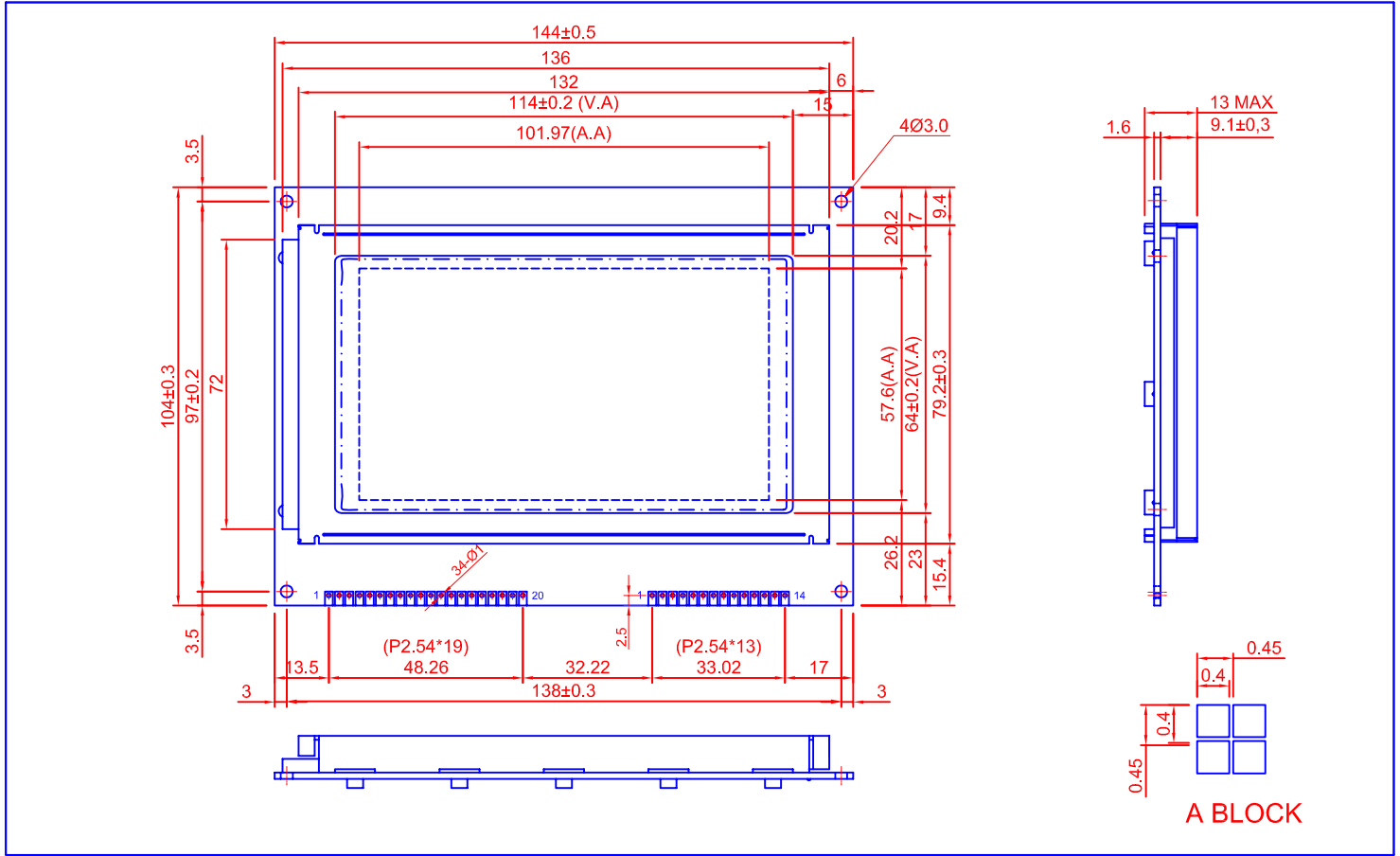


1.0 DIMENSIONAL DRAWING



2.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal dimensions (mm)	FEATURE	
		LCD Type	STN, Negative, Transmiss, Blue
Module Size (W*H*T)	144.0 x 104.0 x 13.0	View Angle	6 / 12 O'clock
View Area (W*H)	114.0 x 64.0	Operating Temperature	-20°C ~ +70°C
Dot x Dots (W*H)	240 x 128	Storage Temperature	-30°C ~ +80°C
Dot Size (W*H)	0.40 x 0.40	Backlight	Side LED White

3.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	4.5	5.0	5.5	V
Operating Voltage for LCD	Vlcd	Ta=25°C	17.5	18.5	19.6	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	15.0	---	mA
Supply Current for Backlight	If	Ta=25°C, Vf=4.2V	---	240.0	---	mA

4.0 INTERFACE PIN CONNECTIONS

Pin No	Symbol	Description
1	GND	Ground
2	VDD	Power Supply for Logic Circuit
3	VO	Power Supply for VLCD
4	CD	WR=L, CD=H : Command Write CD=L : Data Write RD=L, CD=H : Status Read CD=L : Data Read
5	RD	Data Read
6	WR	Data Write
7 ~ 14	D0 ~ D7	Data Bus Line
15	CE	Chip Enable
16	RST	Reset
17	VEE	Negative Voltage Output for VLCD
18	FS	Font Select: H : 6x8 Pixel L : 8x8 Pixel
19	LED A	Power Supply for Backlight (+)
20	LED K	Power Supply for Backlight (-)