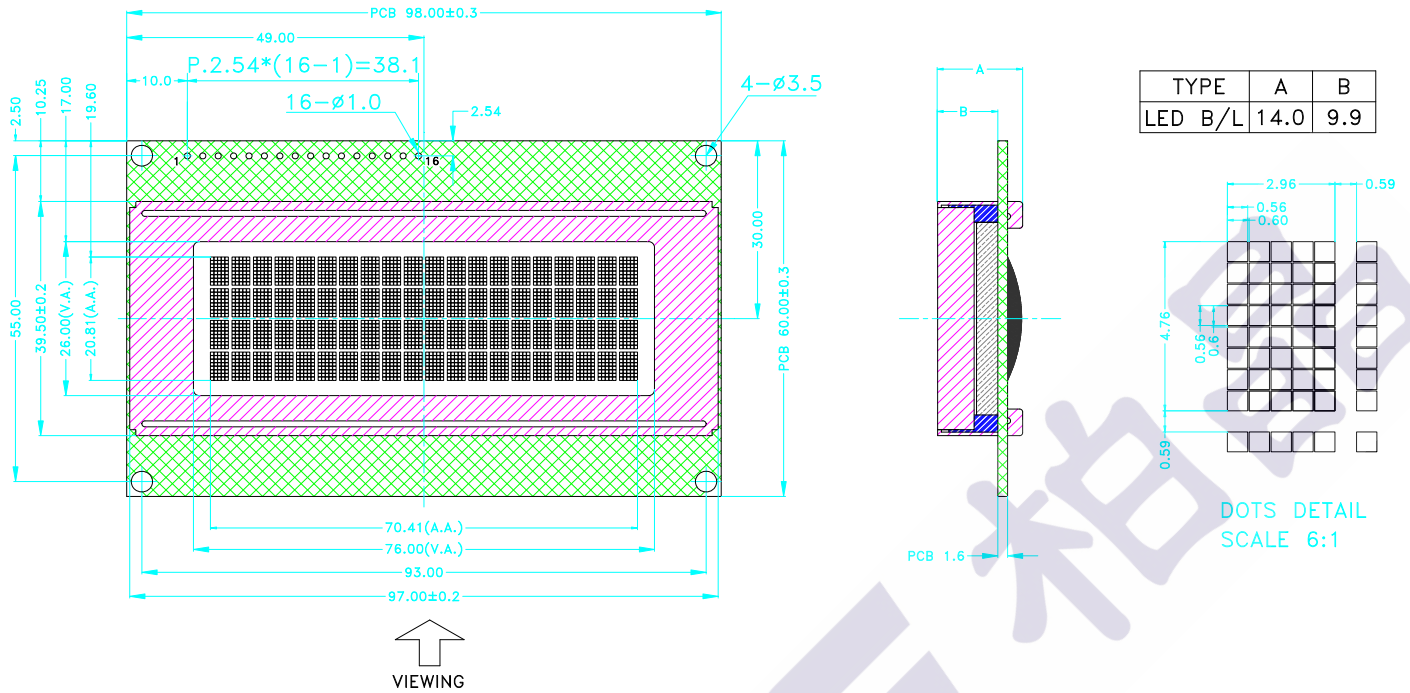
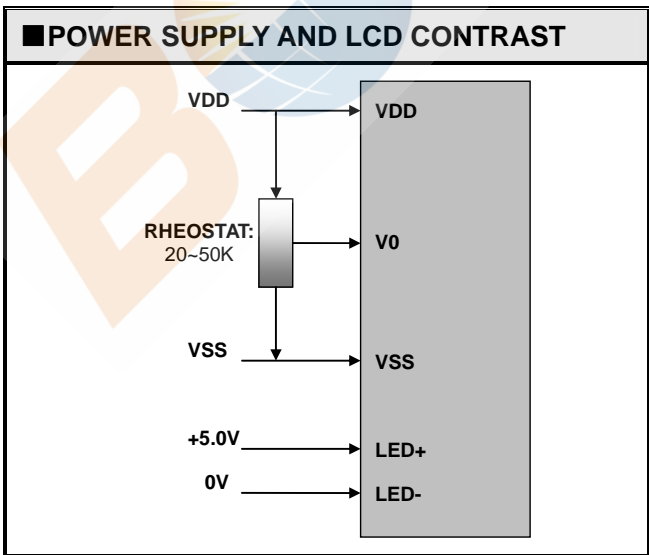


OUTLINE DIMENSION:



FEATURES	
LCD MODE	STN/Y-G/TRANSFLECTIVE/POSITIVE
VIEWING	6 O'CLOCK
DRIVE MODE	1/16 DUTY 1/5 BIAS
BACKLIGHT	Y-G/BOTTOM LIGHT
CONTROLLER	ST7066U OR COMPATIBLE IC
OPERATION TEMP.	-10°C~60°C
STORAGE TEMP.	-20°C~70°C
OTHER	

ELECTRICAL CHARACTERISTICS					TA=25°C
CHARACTERISTICS	SYMBOL	M <sub>IN.</sub>	T <sub>YP.</sub>	M <sub>AX.</sub>	UNIT
LOGIC VOLTAGE	VDD	4.8	5.0	5.2	V
LOGIC CURRENT	IDD	--	1.5	3	mA
LCD BEST CONTRAST	VDD-V0	-10°C	--	--	V
		+25°C	--	4.2	
		+60°C	--	--	
BACKLIGHT VOLTAGE	VBL	4.8	5.0	5.2	V
BACKLIGHT CURRENT	IBL	--	120	--	mA
INPUT HIGH VOLTAGE	VIH	0.7VDD	--	VDD	V
INPUT LOW VOLTAGE	VIL	-0.3	--	0.6	V



LCM INTERFACE			
NO.	SYMBOL	LEVEL	DESCRIPTION
1	VSS	0V	Logic ground.
2	VDD	+5.0V	Logic voltage input.
3	V0	--	LCD module display the best contrast adjusting input.
4	RS	H/L	Select registers. 0: Instruction register (for write) Busy flag:address counter (for read) 1: Data register (for write and read)
5	R/W	H/L	Select read or write. 0: Write 1: Read
6	E	H/L	Enable signal.
7~14	DB0~DB7	H/L	8-BIT data bus, Used for data transfer and receive between the MPU and the ST7066U. DB7 can be used as a busy flag.
15	LED+	+5.0V	Power supply for backlight.
16	LED-	0V	Ground for backlight.