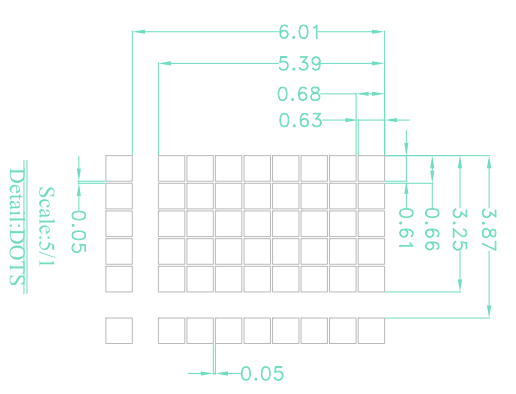
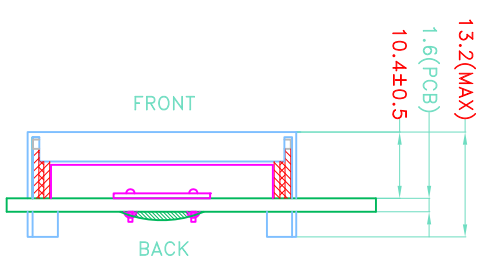
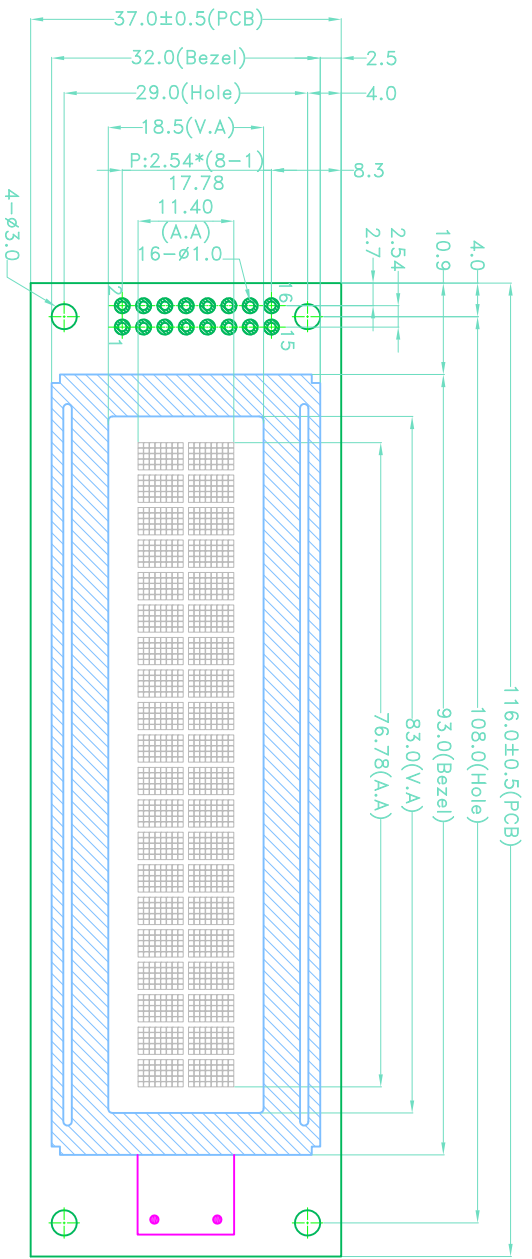


VERSION	CHANGE CONTENT	DATE
V01	FIRST ISSUE	2015.07.10



**SPECIFICATIONS**

1. DISPLAY TYPE:STN Y/G/STN BLUE /ESTN Positive/Negative
2. DISPLAY RESOLUTION: 20\*02 CHARACTER
3. LCD DRIVING VOLTAGE:4.7V
4. LOGIC VOLTAGE:5.0 V±0.2V
5. VIEWING DIRECTION:6 O'CLOCK
6. OPERATING TEMP:0°C -- +50°C
7. STORAGE TEMP:-10°C -- +60°C
8. LCD CONTROLLER / DRIVE:SPIC780D1 (Or Compatible)
9. DRIVE MODE:1/16 DUTY, 1/5 BIAS
10. BACKLIGHT: SIDE LED BACKLIGHT Or BUTTOM LED BACKLIGHT
11. REMARK:

**PCB PIN ASSIGNMENT:**

1	VSS	9	DB2
2	VDD	10	DB3
3	V0	11	DB4
4	RS	12	DB5
5	R/W	13	DB6
6	E	14	DB7
7	DB0	15	LED-
8	DB1	16	LED+

**DESCRIPTION:**

SCALE: 1:1	<b>ThingWell Electronics</b>	
SHEET: 1 OF 1		
UNIT: mm	PROJECTION	LCM NUMBER
APP:	DRAWING VERSION	W2002A
DATE:	CHK:	DWN:
DATE:	DATE:	DATE:

MECHAICAL TOLERANCE:x±0.3,x.xx±0.2