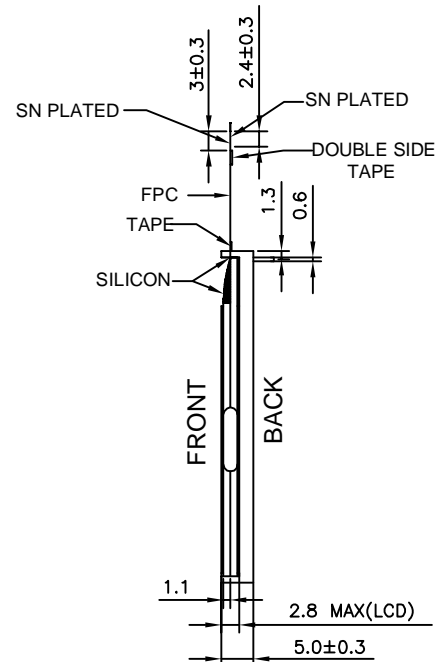
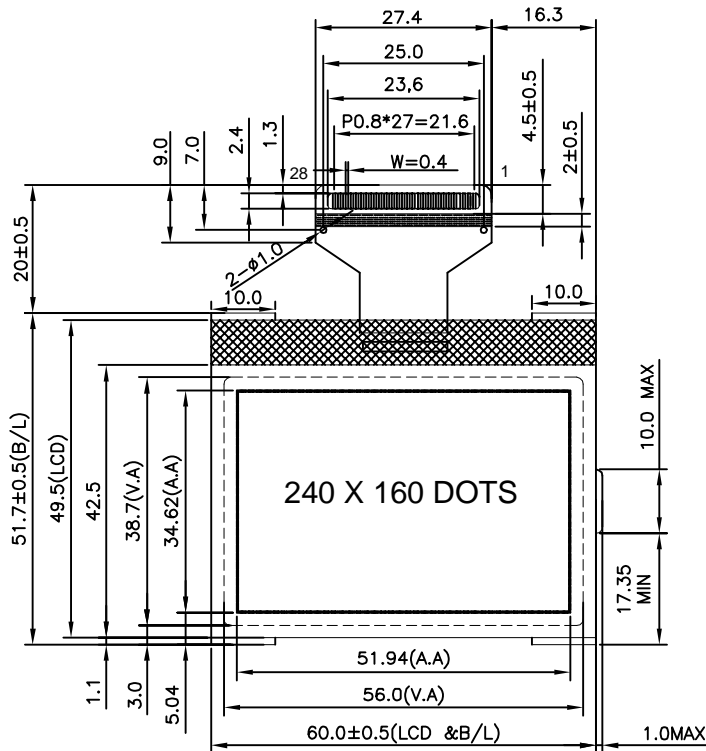
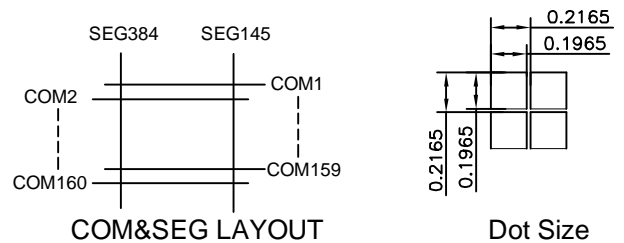
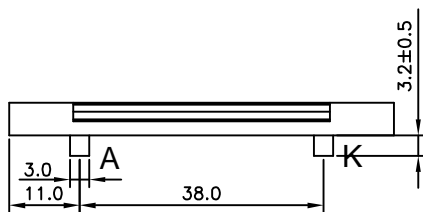


PG-241608 Series

OUTLINE DIMENSION



WITH LED B/L



MECHANICAL DIMENSION	
Overall Dimension (mm)	60.0 X 51.7 X 5.0
Viewing Area (mm)	56.0 X 38.7
Format	240 SEG × 160 COM
Dot Size (mm)	0.1965 X 0.1965
Dot Pitch (mm)	0.2165 X 0.2165

ABSOLUTE MAXIMUM RATINGS				
Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	Vdd-Vss	-0.3	3.3	V
Supply Voltage for LCD	Vlcd	6.15	18	V
Input Voltage	Vin			V

ELECTRICAL CHARACTERISTICS (VDD=5.0V ; Top=25° C)					
Parameter	Symbol	MIN	Typical	MAX	Unit
Power Supply Voltage	Vdd-Vss		3.3		V
LCD Operating Voltage	Vop		15.6		V
LCM Current Consumption	Idd				mA
Backlight Current Consumption	LED (Edge)				mA
	LED (Array)				mA
Driving Method	1/160Duty 1/12 Bias				

PIN ASSIGNMENT			
Pin No.	Symbol	Pin No.	Symbol
1	VLCD	15	WR1
2	VS+	16	WR0
3	VS-	17	RST
4	VB0-	18	D0
5	VB1-	19	D1
6	VB1+	20	D2
7	VB0+	21	D3
8	VDD	22	D4
9	VSS	23	D5
10	TST4	24	D6
11	BM1	25	D7
12	BM0	26	D8
13	CS0	27	D13
14	CD	28	D15

NOTES

IC Controller / Driver:
LCD :

UC1698u (or Compatible)
FSTN,Y/G STN,Negative FSTN,
Negative FFSTN

Backlight :

White LED, YELLOW-GREEN LED

Viewing Angle:

6:00,12:00

Operating Temperature :

-20° C~+70° C

Storage Temperature :

-30° C~+80° C

Note:

ID1=VDD(data select D[0:7],ID0=VDD or VSS

CS1=VDD