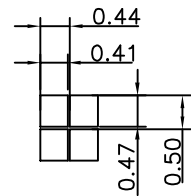
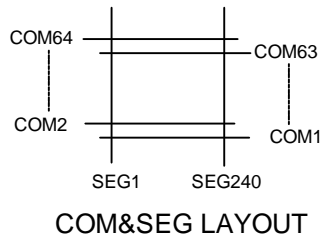
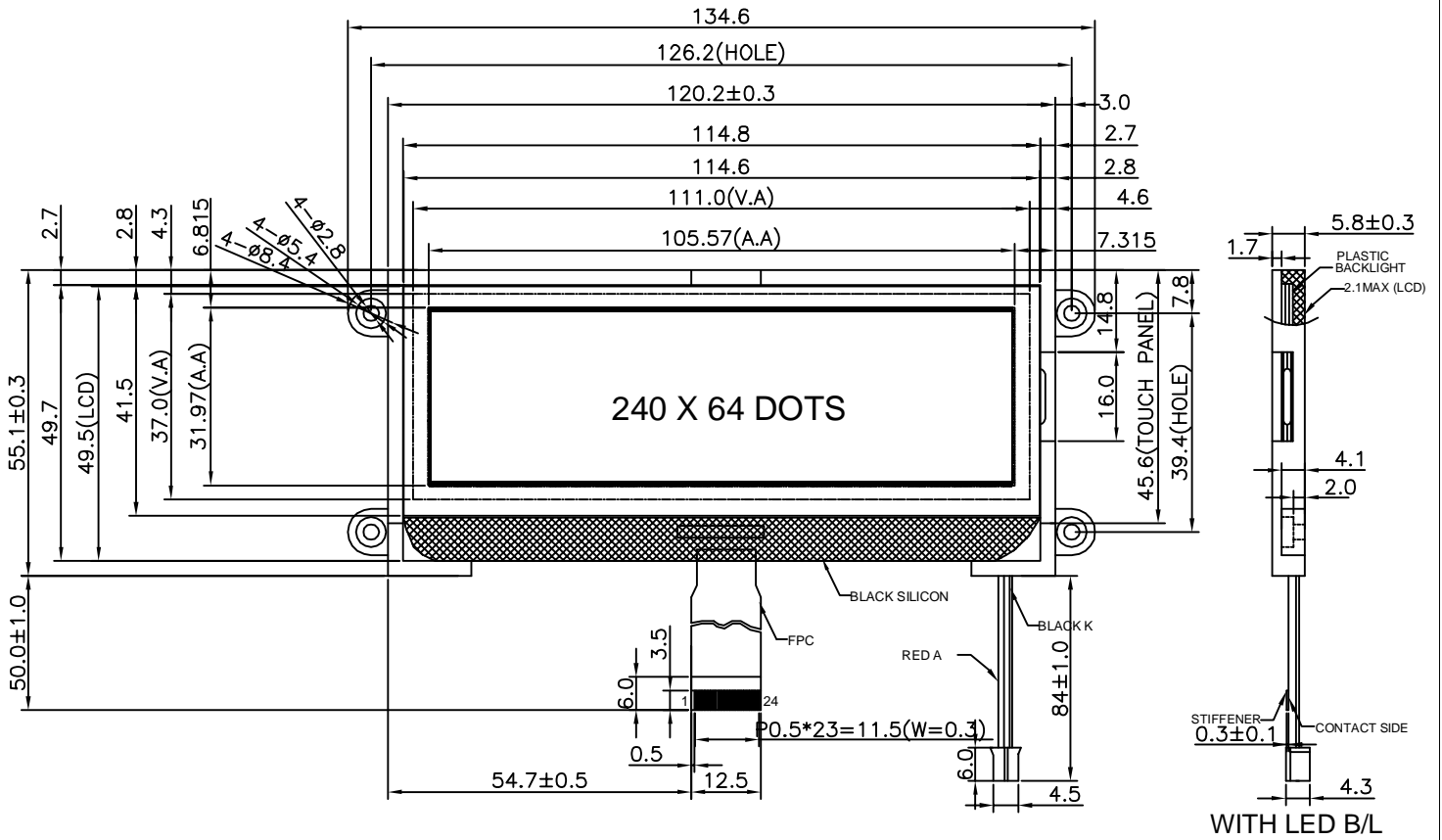


PG-240606 Series

OUTLINE DIMENSION



MECHANICAL DIMENSION	
Overall Dimension (mm)	134.6 X 55.1 X 5.8
Viewing Area (mm)	111.0 X 37.0
Format	240 SEG x 64 COM
Dot Size (mm)	0.41 X 0.47
Dot Pitch (mm)	0.44 X 0.50

ABSOLUTE MAXIMUM RATINGS				
Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	V _{dd-Vss}	-0.3	+4.0	V
Supply Voltage for LCD	V _{lcd}	-0.3	+17.0	V
Input Voltage	V _{in}	-0.4	V _{DD} + 0.5	V

ELECTRICAL CHARACTERISTICS (V _{DD} =5.0V ; T _{op} =25° C)					
Parameter	Symbol	MIN	Typical	MAX	Unit
Power Supply Voltage	V _{dd-Vss}		3.3		V
LCD Operating Voltage	V _{op}		12.0		V
LCM Current Consumption	I _{dd}				mA
Backlight Current Consumption	LED (Edge)				mA
	LED (Array)				mA
Driving Method	1/64Duty 1/9 Bias				

PIN ASSIGNMENT			
Pin No.	Symbol	Pin No.	Symbol
1	NC	13	DB4
2	VB1-	14	DB3
3	VB1+	15	DB2
4	VB0-	16	DB1
5	VB+	17	DB0
6	VLCD	18	RD(WR1)
7	VBAIS	19	WR
8	VSS	20	CD
9	VDD	21	RST
10	DB7	22	CS
11	DB6	23	BM0
12	DB5	24	BM1

NOTES

IC Controller / Driver:
LCD :

UC1608 (or Compatible)
FSTN, Y/G STN, Negative STN,
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