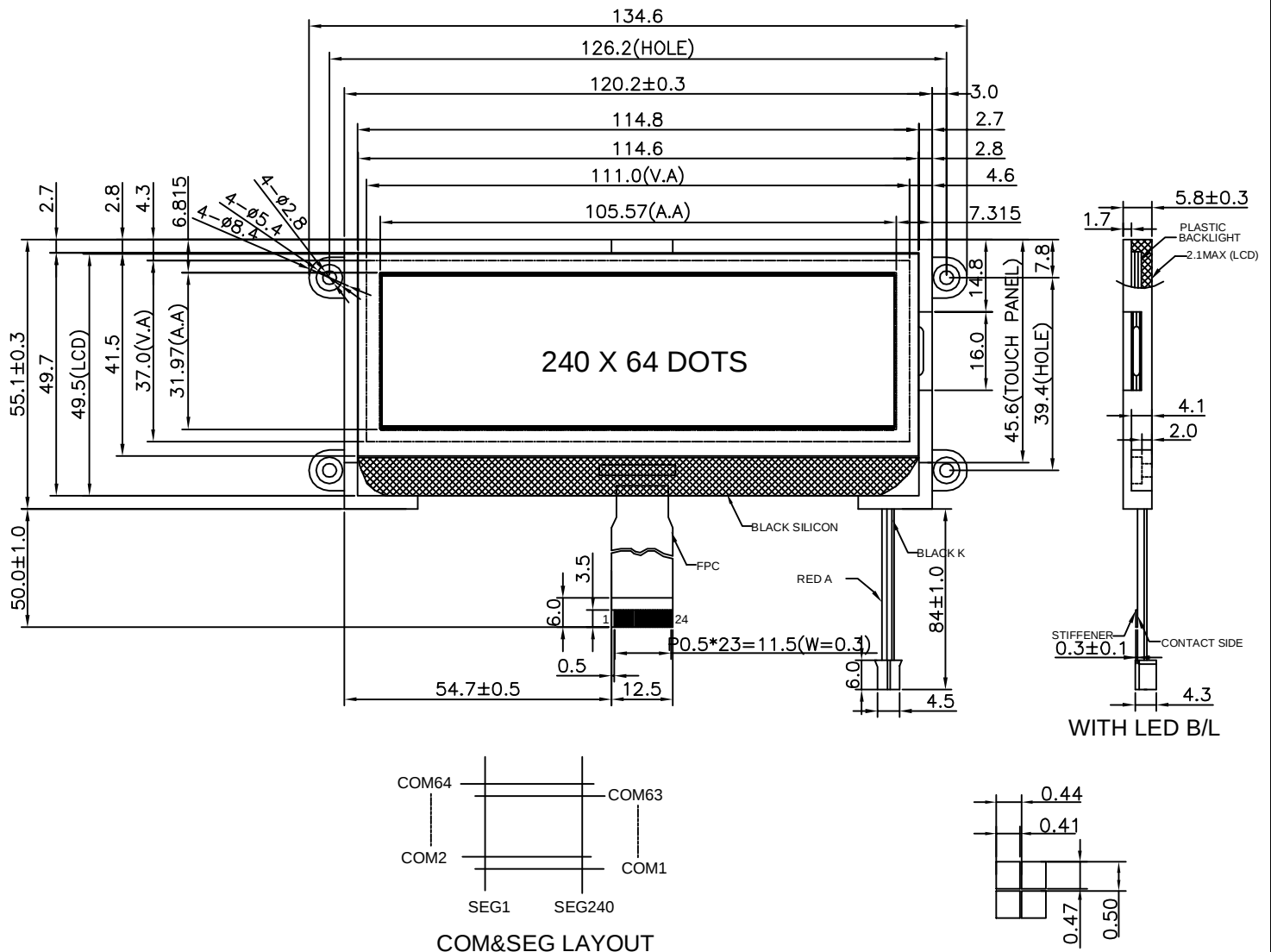


# PG-240606 Series

## 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        |

### 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               |     | 12.0    |     | V    |
| LCM Current Consumption       | Idd               |     |         |     | mA   |
| Backlight Current Consumption | LED (Edge)        |     |         |     | mA   |
|                               | LED (Array)       |     |         |     | mA   |
| Driving Method                | 1/64Duty 1/9 Bias |     |         |     |      |

### NOTES

IC Controller / Driver:  
LCD :

Backlight :

Viewing Angle:

Operating Temperature :

Storage Temperature :

UC1608 (or Compatible)  
FSTN,Y/G STN,Negative STN,  
Negative FFSTN  
White LED, YELLOW-GREEN LED  
6:00,12:00  
-20° C~+70° C  
-30° C~+80° C

### ADSOLUTE MAXIMUM RATINGS

| Parameter                | Symbol  | MIN  | MAX       | Unit |
|--------------------------|---------|------|-----------|------|
| Supply Voltage for Logic | Vdd-Vss | -0.3 | +4.0      | V    |
| Supply Voltage for LCD   | Vlcd    | -0.3 | +17.0     | V    |
| Input Voltage            | Vin     | -0.4 | VDD + 0.5 | V    |

### PIN ASSIGMENT

| 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     |