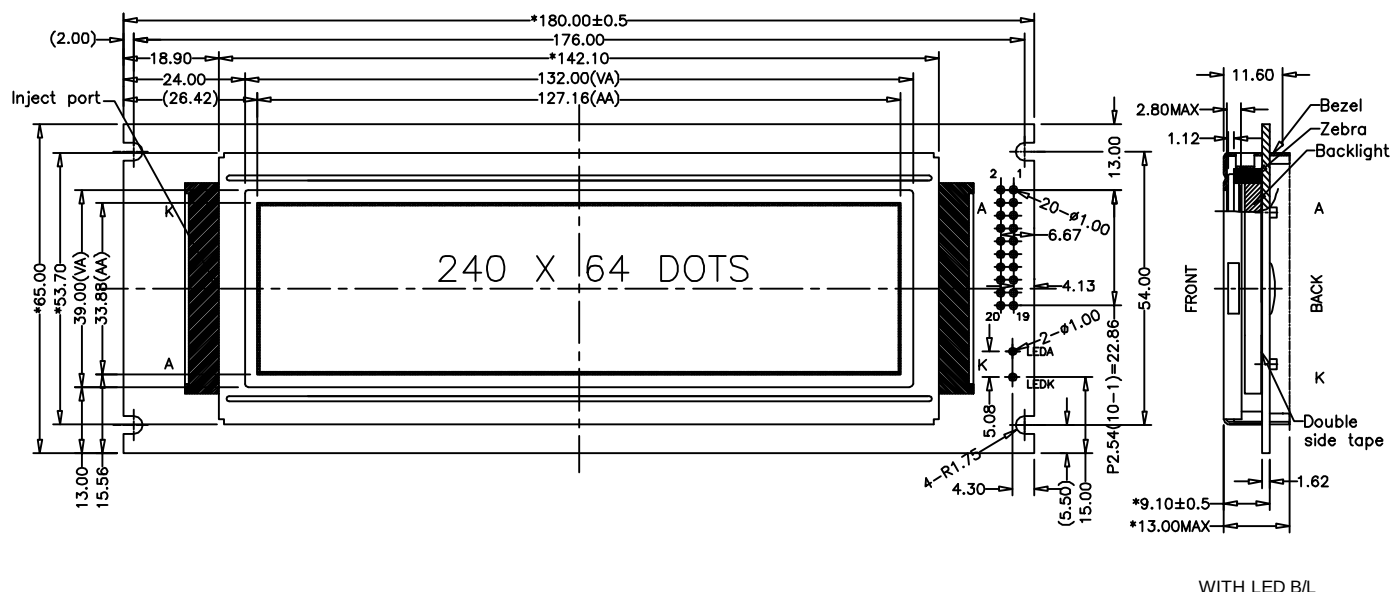


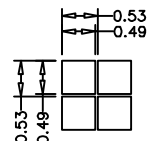
# PG-240605 Series

## OUTLINE DIMENSION



### MECHANICAL DIMENSION

|                        |                     |
|------------------------|---------------------|
| Overall Dimension (mm) | 180.0 X 65.0 X 13.0 |
| Viewing Area (mm)      | 132.0 X 39.0        |
| Format                 | 240 SEG × 64 COM    |
| Dot Size (mm)          | 0.49 X 0.49         |
| Dot Pitch (mm)         | 0.53 X 0.53         |



Dot Size

### ABSOLUTE MAXIMUM RATINGS

| Parameter                | Symbol  | MIN  | MAX       | Unit |
|--------------------------|---------|------|-----------|------|
| Supply Voltage for Logic | Vdd-Vss | -0.3 | +7.0      | V    |
| Supply Voltage for LCD   | Vlcd    |      |           | V    |
| Input Voltage            | Vin     | -0.3 | Vdd + 0.3 | V    |

### ELECTRICAL CHARACTERISTICS (VDD=5.0V ; Top=25° C)

| Parameter                     | Symbol             | MIN | Typical | MAX | Unit |
|-------------------------------|--------------------|-----|---------|-----|------|
| Power Supply Voltage          | Vdd-Vss            |     | 5.0     |     | V    |
| LCD Operating Voltage         | Vop                |     | 12.0    |     | V    |
| LCM Current Consumption       | Idd                |     |         |     | mA   |
| Backlight Current Consumption | LED (Edge)         |     |         |     | mA   |
|                               | LED (Array)        |     |         |     | mA   |
| Driving Method                | 1/64 Duty 1/9 Bias |     |         |     |      |

### NOTES

IC Controller / Driver:

SAP1024B,T6963,SDN8080

LCD Options:

Y/G STN,Blue STN,Gray STN  
FSTN,Negative FSTN

Backlight Options:

Y/G LED, Amber LED, White LED

Viewing Angle Options:

6:00,12:00

Operating Temperature Options:

-20° C~+70° C

Storage Temperature Options:

-30° C~+80° C

### PIN ASSIGMENT

| Pin No. | Symbol | Function                     |
|---------|--------|------------------------------|
| 1       | FG     |                              |
| 2       | VSS    | Power Supply (GND)           |
| 3       | VDD    | Power Supply (+)             |
| 4       | VO     | Contrast Adjust              |
| 5       | /WR    | Data Read / write            |
| 6       | /RD    | Enable Signal                |
| 7       | /CE    |                              |
| 8       | C/D    |                              |
| 9       | NC     |                              |
| 10      | /RESET |                              |
| 11      | DB0    | Data Bus Line                |
| 12      | DB1    | Data Bus Line                |
| 13      | DB2    | Data Bus Line                |
| 14      | DB3    | Data Bus Line                |
| 15      | DB4    | Data Bus Line                |
| 16      | DB5    | Data Bus Line                |
| 17      | DB6    | Data Bus Line                |
| 18      | DB7    | Data Bus Line                |
| 19      | LEDK   | Power Supply for LED B/L (-) |
| 20      | LEDA   | Power Supply for LED B/L (+) |