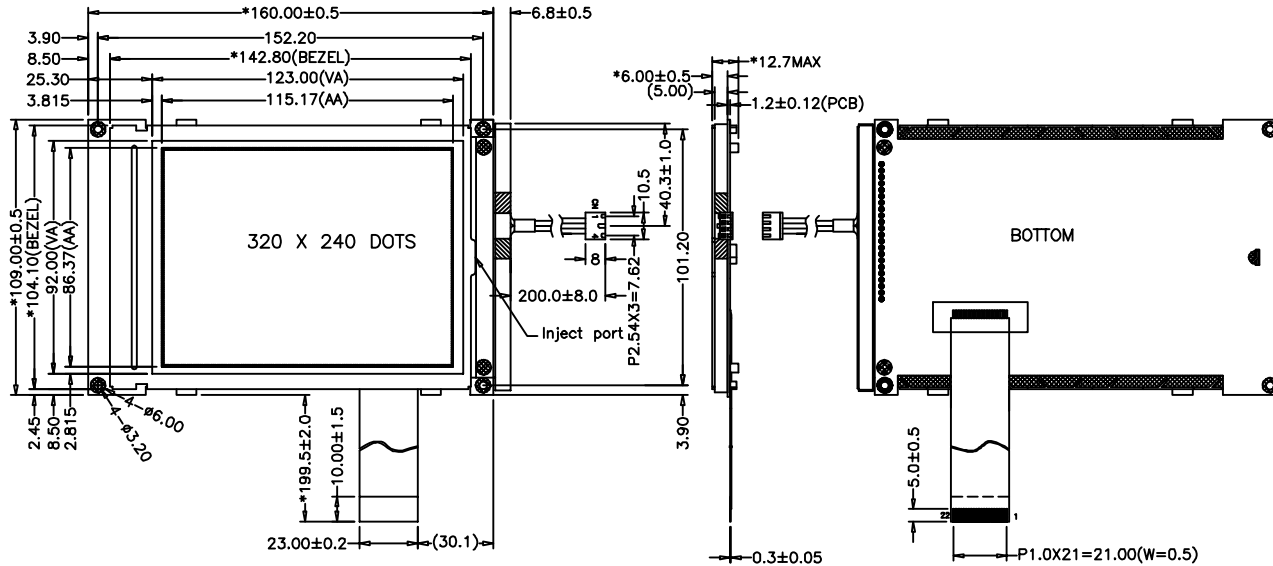
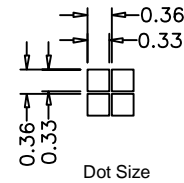


PG-322407 Series

OUTLINE DIMENSION



WITH LED B/L



MECHANICAL DIMENSION

Overall Dimension (mm)	160.0 X 109.0 X 12.7
Viewing Area (mm)	123.0 X 92.0
Format	320 SEG × 240 COM
Dot Size (mm)	0.33 X 0.33
Dot Pitch (mm)	0.36 X 0.36

ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	V _{dd-Vss}	-0.3	+5.0	V
Supply Voltage for LCD	V _{lcd}		22.7	V
Input Voltage	V _{in}	-0.3	V _{dd} + 0.3	V

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

Parameter	Symbol	MIN	Typical	MAX	Unit
Power Supply Voltage	V _{dd-Vss}		5.0		V
LCD Operating Voltage	V _{op}		23.8		V
LCM Current Consumption	I _{dd}				mA
Backlight Current Consumption	LED (Edge)				mA
	LED (Array)				mA
Driving Method		1/240 Duty 1/12 Bias			

NOTES

IC Controller / Driver:

LCD OPTIONS:

Backlight :

Viewing Angle:

Operating Temperature :

Storage Temperature :

RA8835P3N/SDN8080G-LQFP

Negative FSTN, Blue STN

CCFL, White LED

6:00

-20° C ~ +70° C

-30° C ~ +80° C

PIN ASSIGNMENT

Pin No.	Symbol	Function
1	VSS	Power Supply (GND)
2	VDD	Power Supply (+)
3	V0	Contrast Adjust
4	A0	Register select signal
5	/WR	Data Read / write
6	/RD	
7	DB0	Data Bus Line
8	DB1	Data Bus Line
9	DB2	Data Bus Line
10	DB3	Data Bus Line
11	DB4	Data Bus Line
12	DB5	Data Bus Line
13	DB6	Data Bus Line
14	DB7	Data Bus Line
15	CS	
16	/RET	
17	VEE	
18	SLE1	
19	NC	
20	NC	
21	NC	
22	NC	