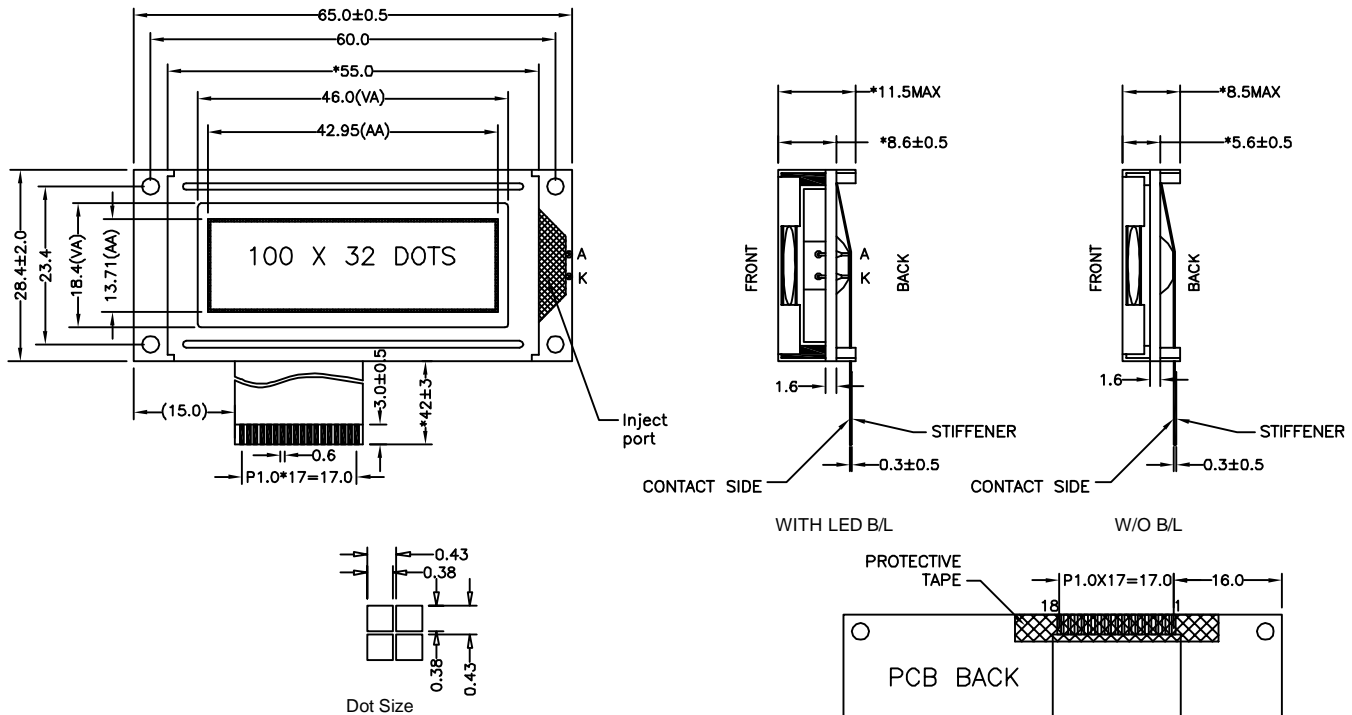


PG-100303 Series

OUTLINE DIMENSION



MECHANICAL DIMENSION	
Overall Dimension (mm)	65.0 X 28.4 X 8.5/11.5
Viewing Area (mm)	46.0 X 18.4
Format	100 SEG × 32 COM
Dot Size (mm)	0.38 X 0.38
Dot Pitch (mm)	0.43 X 0.43

ABSOLUTE MAXIMUM RATINGS				
Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	Vdd-Vss	-0.3	+8.0	V
Supply Voltage for LCD	Vlcd	Vdd - 16.5	Vdd + 0.3	V
Input Voltage	Vin	Vdd - 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		4.5		V
LCM Current Consumption	Idd				mA
Backlight Current Consumption	LED (Edge)				mA
	LED (Array)				mA
Driving Method	1/32 Duty 1/5 Bias				

NOTES

IC Controller / Driver: PT6520 or Equivalent
LCD Options: Y/G STN, Negative FSTN, Gray STN
Backlight Options: None, White LED
Viewing Angle: 6:00
Operating Temperature : -0° C - +50° C
Storage Temperature : -20° C - +70° 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	R/W	Data Read / write
6	E1	Enable Signal 1
7	E2	Enable Signal 2
8	NC	
9	DB0	Data Bus Line
10	DB1	Data Bus Line
11	DB2	Data Bus Line
12	DB3	Data Bus Line
13	DB4	Data Bus Line
14	DB5	Data Bus Line
15	DB6	Data Bus Line
16	DB7	Data Bus Line
17	LEDA	Power Supply for LED B/L (-)
18	LEDK	Power Supply for LED B/L (+)