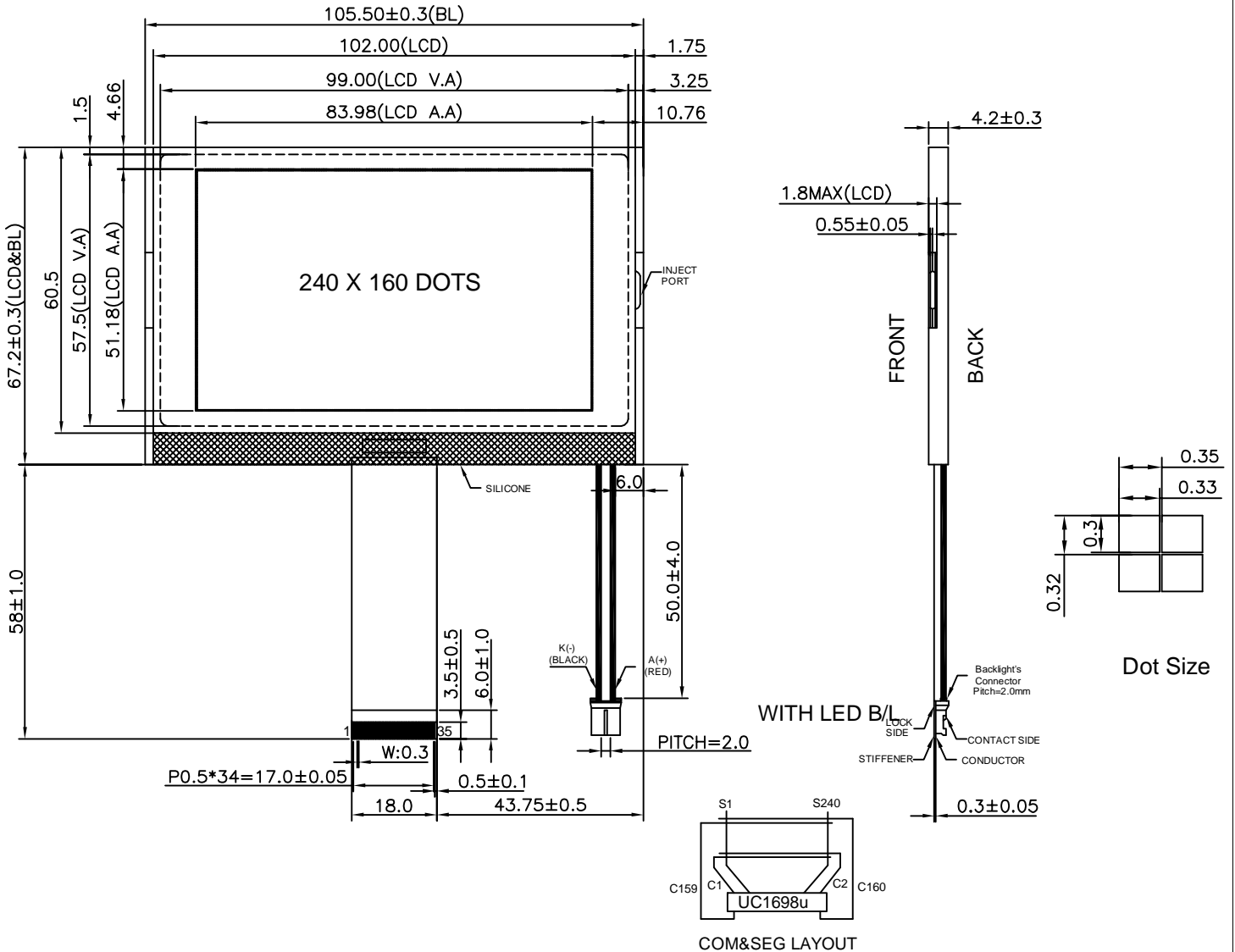


PG-241609 Series

OUTLINE DIMENSION



MECHANICAL DIMENSION	
Overall Dimension (mm)	105.5 X 67.2 X 4.2
Viewing Area (mm)	99.0 X 57.5
Format	240 SEG × 160 COM
Dot Size (mm)	0.33 X 0.30
Dot Pitch (mm)	0.35 X 0.32

ABSOLUTE MAXIMUM RATINGS				
Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	V _{dd-Vss}	-0.3	3.3	V
Supply Voltage for LCD	V _{lcd}	6.15	18	V
Input Voltage	V _{in}			V

ELECTRICAL CHARACTERISTICS (V _{DD} =5.0V ; Top=25° C)					
Parameter	Symbol	MIN	Typical	MAX	Unit
Power Supply Voltage	V _{dd-Vss}		3.3		V
LCD Operating Voltage	V _{op}		16.0		V
LCM Current Consumption	I _{dd}				mA
Backlight Current Consumption	LED (Edge)				mA
	LED (Array)				mA
Driving Method		1/160 Duty 1/12 Bias			

PIN ASSIGNMENT			
Pin No.	Symbol	Pin No.	Symbol
1	VLCD	19	RST
2	VS+	20	D0
3	VS-	21	D1
4	VB0-	22	D2
5	VB1-	23	D3
6	VB1+	24	D4
7	VB0+	25	D5
8	VDD	26	D6
9	VSS	27	D7
10	1D1	28	D8
11	1D0	29	D9
12	TST4	30	D10
13	BM1	31	D11
14	BM0	32	D12
15	CS0	33	D13
16	CD	34	D14
17	WR1	35	D15
18	WRO		

NOTES

IC Controller / Driver:
LCD :

UC1698u (or Compatible)
FSTN, Y/G STN Negative FSTN,
Negative FFSTN
White LED, YELLOW-GREEN LED
Viewing Angle: 6:00,12:00
Operating Temperature : -20° C~+70° C
Storage Temperature : -30° C~+80° C

Backlight :

Viewing Angle:

Operating Temperature :

Storage Temperature :