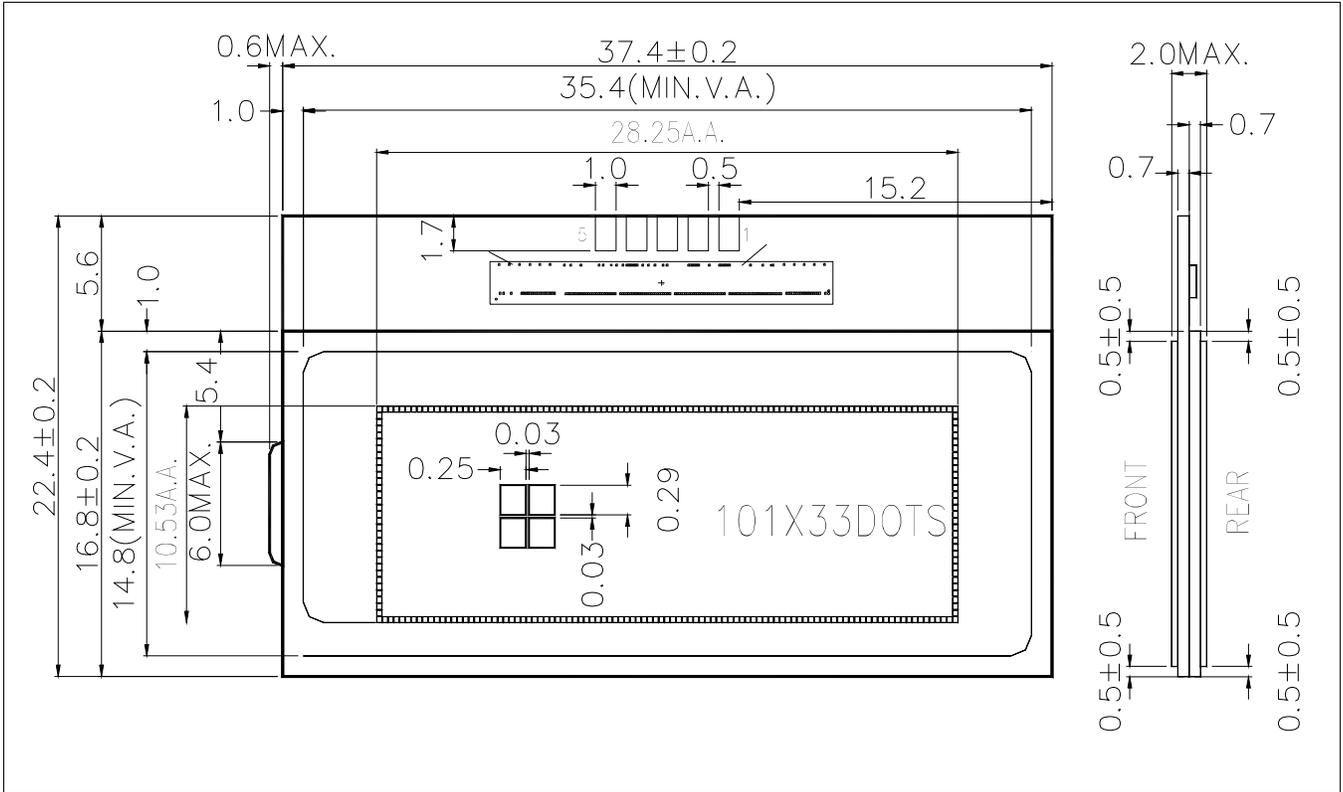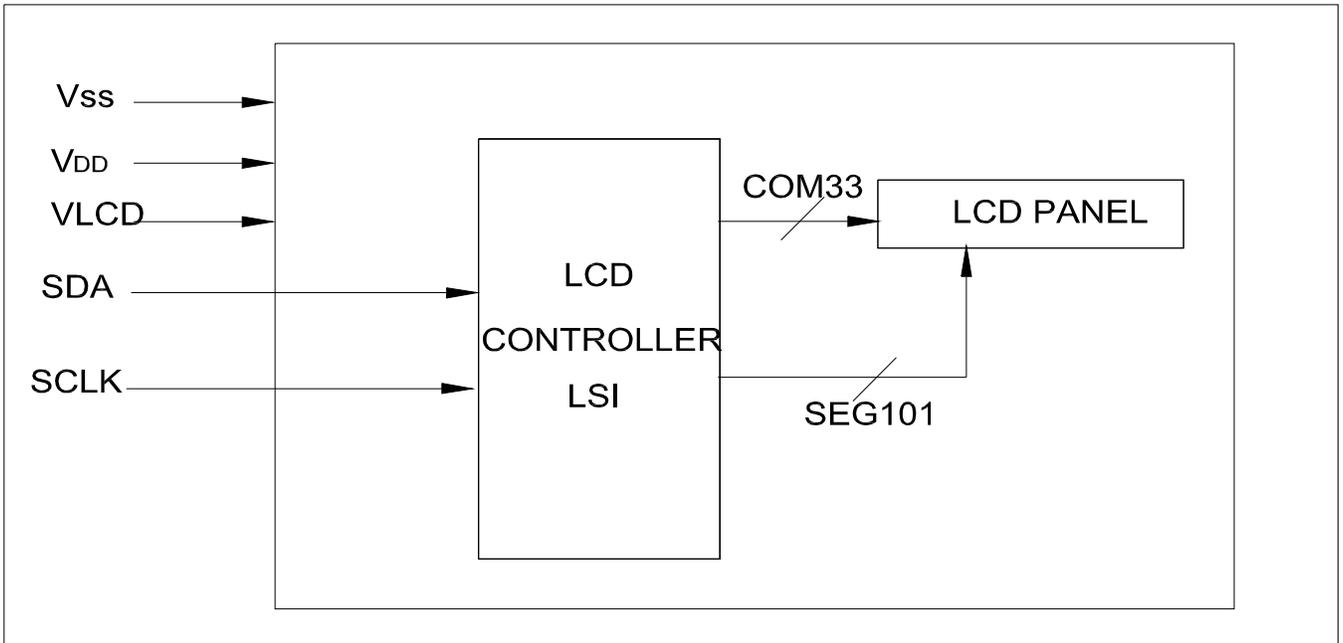## 1.0 DIMENSIONAL DRAWING

2.0 BLOCK DIAGRAM

3.0 ELECTRICAL CHARACTERISTICS   Ta=25 ºC   V$_{DD}$=3.0V±0.25V

Item	Symbol	Test Condition	Standard Value			
			Min.	Typ.	Max.	Unit
Power Supply Voltage	V$_{DD}$-V$_{SS}$		2.75	3	3.25	V
LCD Operation Voltage	V$_{OP}$	25°C	-	6.04	-	V
LCM Current Consumption	I$_{DD}$		-	0.03	0.35	mA
Backlight Forward Voltage	V$_{F}$		-	-	-	V

4.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Test Condition	Standard Value		
			Min.	Max.	Unit
Supply Voltage (Logic)	$V_{DD}-V_{SS}$		-0.5	7	V
Supply Voltage (LCD)	$V_{DD}-V_O$	25°C	-0.3	10.0	V
Input Voltage	V_{IN}		-0.5	$V_{DD}+0.5$	V
Operating Temp.	T_{OPR}		-10	60	°C
Storage Temp.	T_{STG}		-20	70	°C

5.0 PIN ASSIGNMENT

PIN No.	Symbol	Description
1	VLCD	Power supply for LCD
2	VDD	Power supply(+)
3	SDA	Serial input data
4	VSS	Power supply (GND)
5	SCLK	Serial input clock

Remark
1. LCD option: FSTN .
2. Customized module.