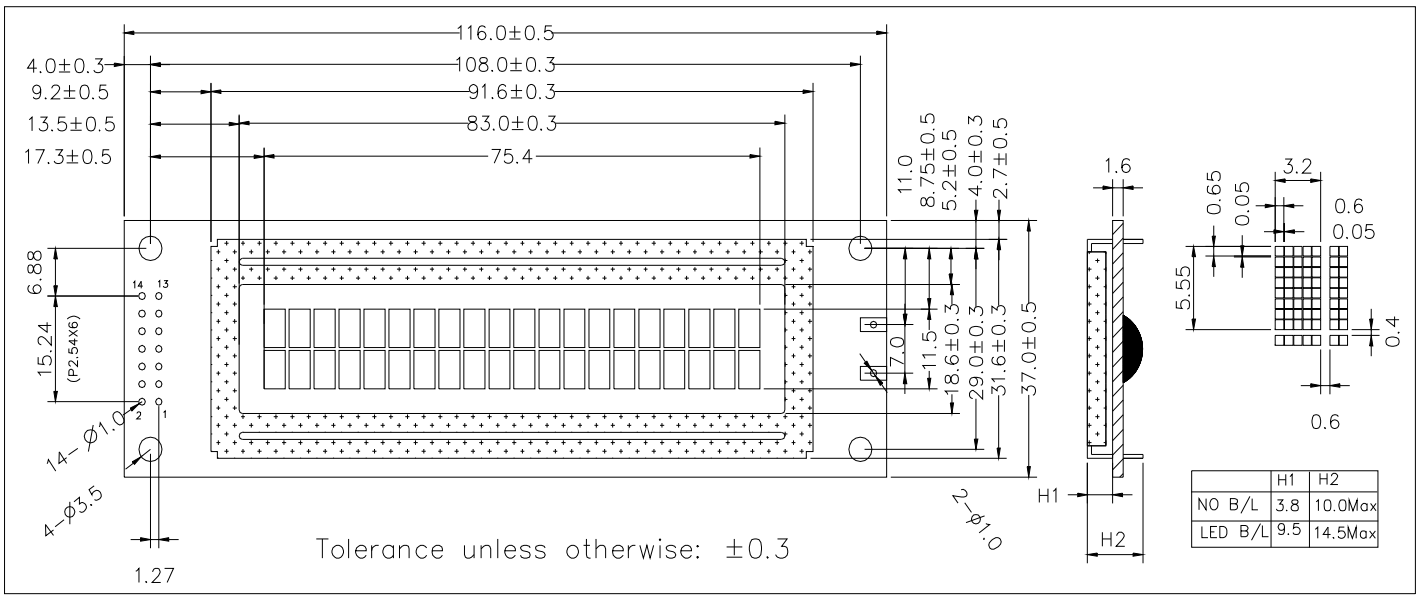
JYC-200201S/C-VA

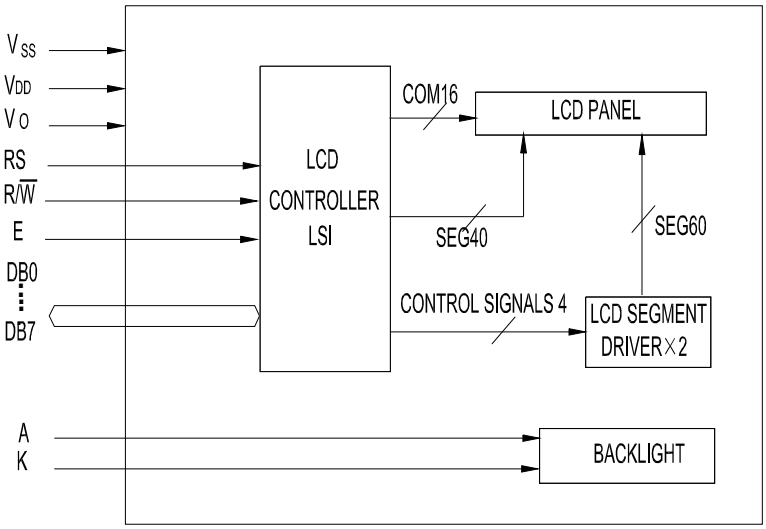
1/16DUTY,1/5 BIAS
20CHARACTERS×2LINE

1.0 DIMENSIONAL DRAWING



	H1	H2
NO B/L	3.8	10.0Max
LED B/L	9.5	14.5Max

2.0 BLOCK DIAGRAM



3.0 PIN ASSIGNMENT

Pin no.	Symbol	Function
1	V_{SS}	Power supply (GND)
2	V_{DD}	Power supply(+)
3	V_O	Contrast adjust
4	RS	Register select signal
5	R / $\overline{W}$	Data read / write
6	E	Enable signal
7 ¦ 14	DB0 ¦ DB7	Data bus line

4.0 ELECTRICAL CHARACTERISTICS Ta=25 ºC V_{DD}=5.0V±0.25V

Item	Symbol	Test Condition		Standard Value			
				Min.	Typ.	Max.	Unit
Power Supply Voltage	V_{DD}-V_{SS}	25°C		4.75	5.0	5.25	V
LCD Operation Voltage	V_{OP}	25°C	TN	-	5.0		V
			STN	-	5.0	-	V
LCM Current Consumption	I_{DD}	25°C		-	3.0	5.0	mA
Backlight Forward Voltage	V_F			-	4.2	4.25	V

5.0 ABSOLUTE MAXIMUM RATINGS

Item	Symbol	Test Condition	Standard Value		
			Min.	Max.	Unit
Supply Voltage (Logic)	V_{DD}-V_{SS}	25°C	-0.3	7	V
Supply Voltage (LCD)	V_{DD}-V_O		V_{DD}-13.5	V_{DD}+0.3	V
Input Voltage	V_{IN}		-0.3	V_{DD}+0.3	V
Operating Temp.	T_{OPR}	-	-20	70	°C
Storage Temp.	T_{STG}	-	-30	80	°C

Remark

1. LCD option: TN,STN,FSTN. 2. Standard module.

3. Backlight option: LED,EL backlight feature, other specs not available on catalog is under request.