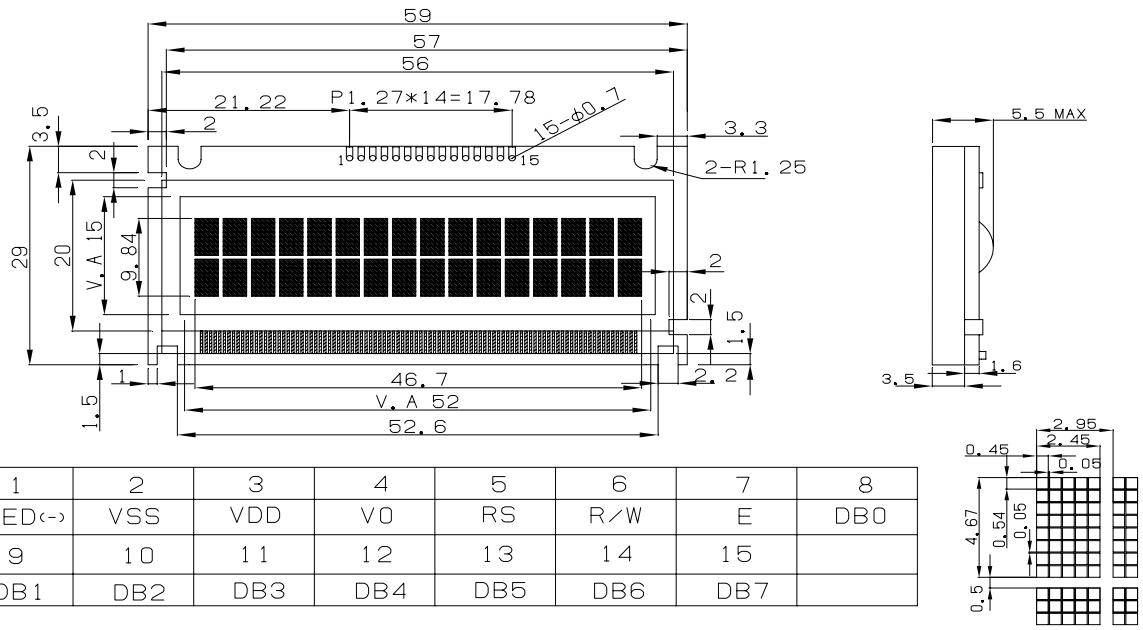
C1602-12 16×2CHARACTERS

DIMENSION:



1	2	3	4	5	6	7	8
VLED(-)	VSS	VDD	V0	RS	R/W	E	DB0
9	10	11	12	13	14	15	
DB1	DB2	DB3	DB4	DB5	DB6	DB7	

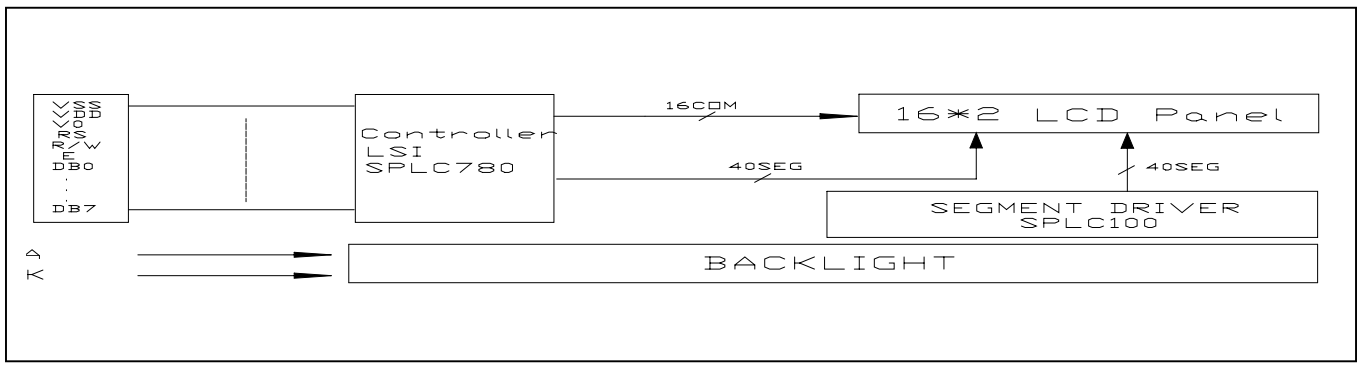
FEATURE:

1.Display mode : STN, Positive
2.Dot/Background Color : Black/Yellow-green
3.Display format : 16Char×2Line
4.Input data : 4/8 bit I/O
5.Driving method : 1/16Duty 1/4 Bias
6.Viewing direction : 6 O'clock
7.Back light : EL GREEN/ LED YELLOW—GREEN

ELECTRICAL CHARACTERISTIC:

Item	Symbol	Standard value			Uint
		Min	Typ	Max	
Power supply for logic	VDD	-0.3	–	7	V
Power supply for LCD	VLCD	VDD-12	–	VDD+0.3	V
Input voltage	Vin	-0.3	–	VDD+0.3	V
Operating temperature	Top	-20	–	70	℃
Storage temperature	Tstg	-30	–	80	℃

BLOCK DIAGRAM:



DISPLAY CHARACTER ADDRESS CODE:

Display position	1	2	3	4	……..	15	16
DD RAM address	00	01	02	03	……..	0E	0F
	40	41	42	43	……..	4E	4F