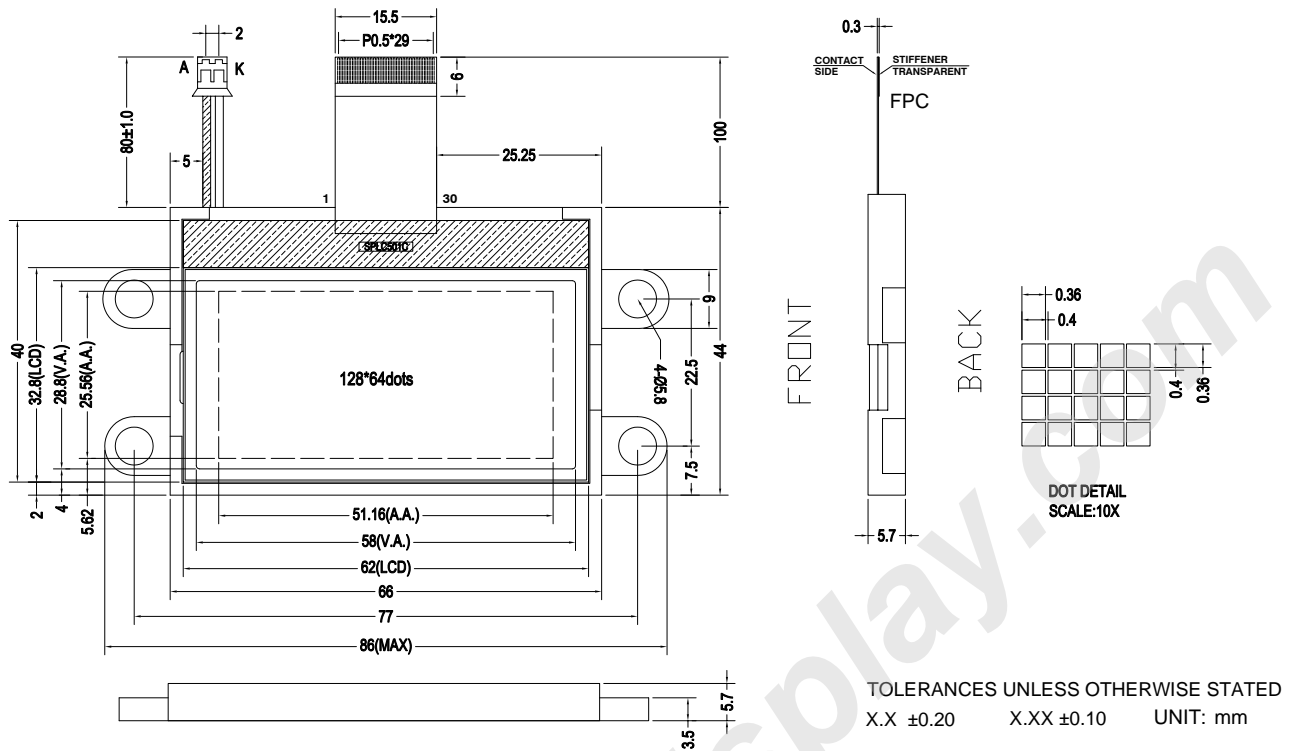


## Dimension Drawing



## Feature:

1. 128 x 64 dots graphic display
2. Built-in controller SPLC501C
3. +3.3V Or +5.0V power supply
4. 1/64 Duty cycle
5. STN or FSTN Mode
6. Match all kind colors of LED back light
7. ROHS compliant

## Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	CS2	16	CAP3N
2	RESETB	17	CAP1P
3	RS	18	CAP1N
4	RW	19	CAP2N
5	E	20	CAP2P
6	DB0	21	VSS
7	DB1	22	VDD
8	DB2	23	V1
9	DB3	24	V2
10	DB4	25	V3
11	DB5	26	V4
12	DB6	27	V5
13	DB7	28	VR
14	VSS2	29	C86
15	VOUT	30	PS

## Mechanical Data

Item	Standard	Unit
Module dimension	86.0 x 44.0	mm
Viewing area	58.0 x 28.8	mm
Dots pitch	0.4 x 0.4	mm
Dots size	0.36 x 0.36	mm

## Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Power supply	VDD-VSS	-0.3	---	7.0	V
Input voltage	Vin	0.3	---	Vdd+0.3	

## Electrical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VDD	+3.0V	2.8	3.3	5.5	V
Supply current	I <sub>DD</sub>	VDD=3V	----	200	320	uA
Recommended LCD driving voltage for normal temp version module	V5-VDD (VDD=3V)	-20°C	9.8	----	----	V
		0°C	9.6	9.8	----	
		25°C	9.4	9.6	9.8	
		50°C	----	9.4	9.6	
70°C	----	----	9.4			
LED forward voltage	V <sub>F</sub>	25°C	----	3.1	3.3	V
LED forward current	I <sub>F</sub>	25°C Edge	----	120	160	mA