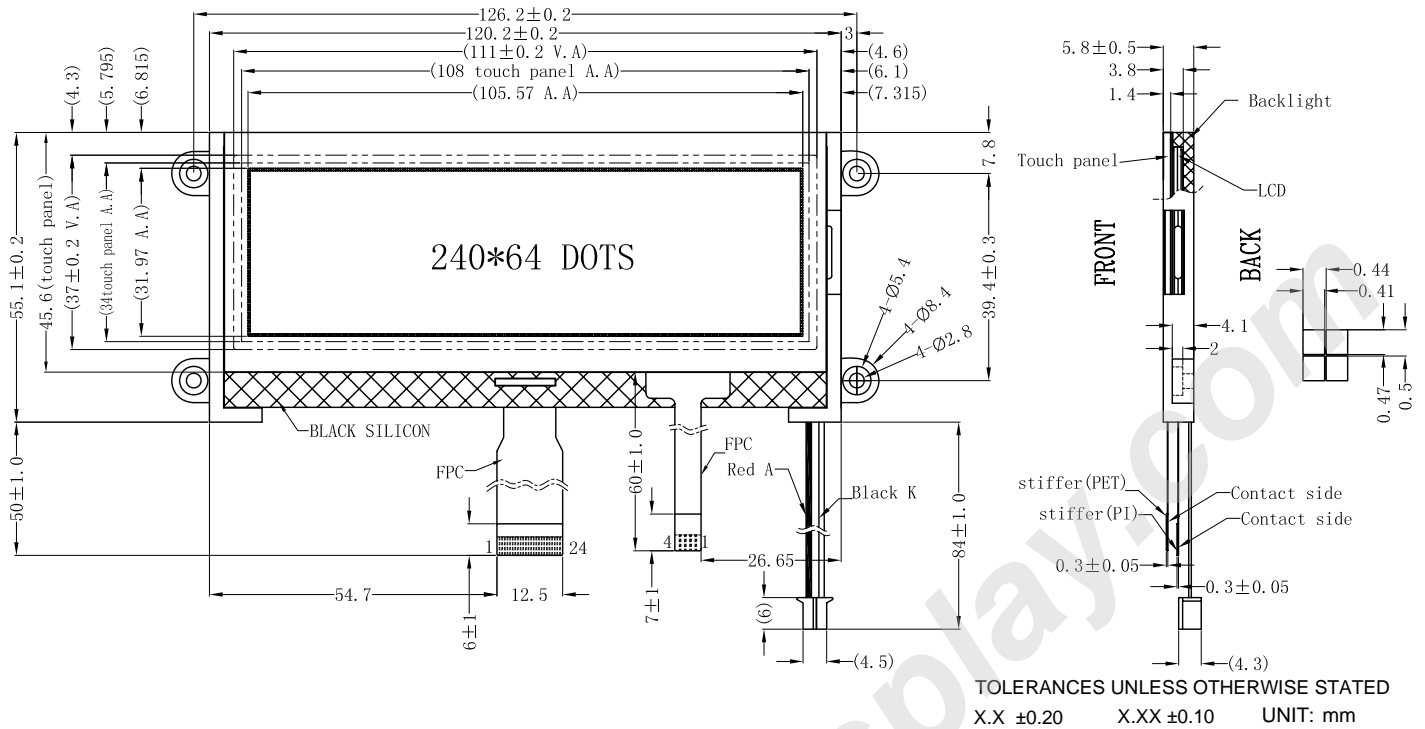


Dimension Drawing



Feature:

1. 240 x 64 dots graphic display
2. Built-in controller UC1698U
3. +3.3V 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	NC	16	DB1
2	VB1-	17	DB0
3	VB1+	18	RD
4	VB0-	19	WR
5	VB0+	20	C/D
6	VLCD	21	RST
7	Vbais	22	CS
8	VSS	23	BM0
9	VDD	24	BM1
10	DB7		
11	DB6	TP PIN	
12	DB5	1	TP Left
13	DB4	2	TP Right
14	DB3	3	TP Top
15	DB2	4	TP Bottom

Mechanical Data

Item	Standard	Unit
Module dimension	126.2 x 55.1	mm
Viewing area	111.0 x 37.0	mm
Dots pitch	0.44 x 0.50	mm
Dots size	0.41 x 0.47	mm

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Power supply	VDD-VSS	-0.3	---	4.0	V
Input voltage	Vin	-0.4	---	Vdd+0.5	

Electronical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VDD	+3.0V	1.8	3.0	3.3	V
Supply current	I _{DD}	VDD=3V	----	135	200	uA
Recommended LCD driving voltage for normal temp version module	V5-VDD (VDD=3V)	-20°C	14.4	----	----	V
		0°C	14.1	14.4	----	
		25°C	13.8	14.1	14.4	
		50°C	----	13.8	14.1	
		70°C	----	----	13.8	
LED forward voltage	V _F	25°C	----	3.1	3.3	V
LED forward current	I _F	25°C Edge	----	90	120	mA