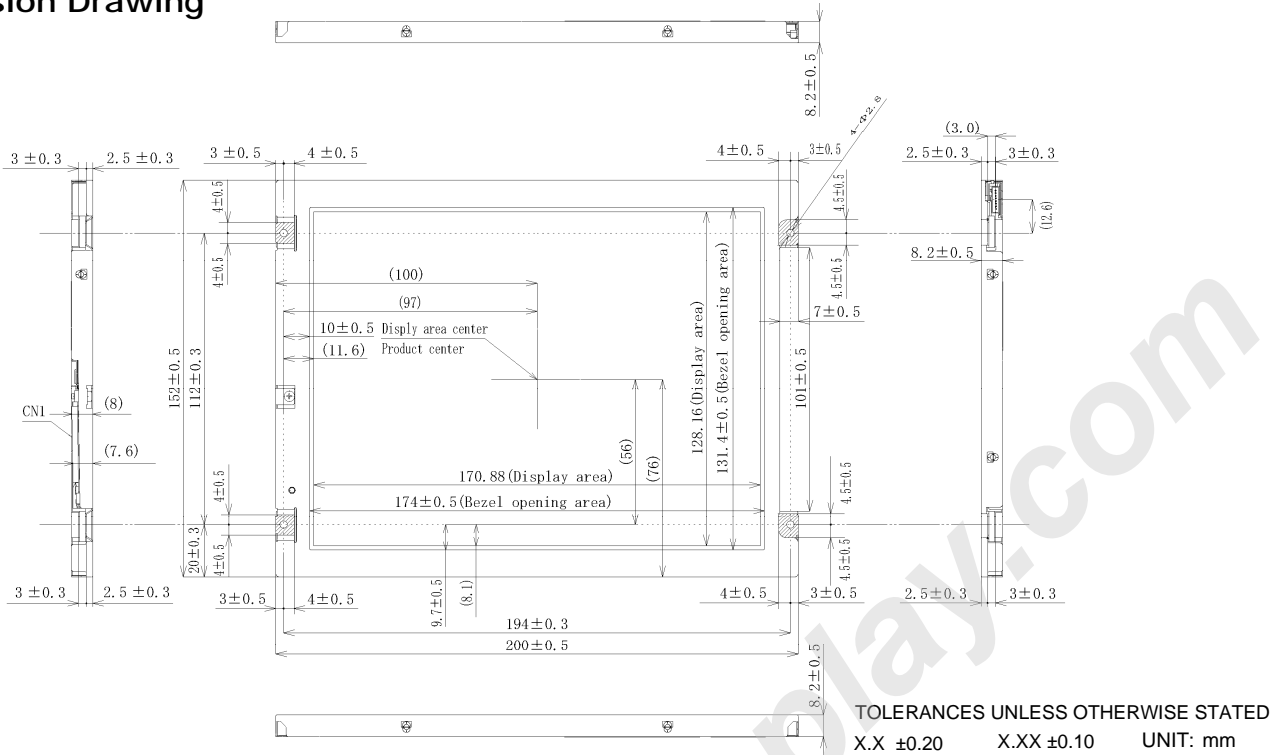


Dimension Drawing



Feature:

1. Resolution is 640 (RGB) x 480 Pixel
2. +3.3V power supply
3. Display Mode is TN, Normal White
4. Display color is 16.2M colors
5. Input Interface is LVDS
6. It could be matched resistive or capacitance touch panel
7. ROHS compliant

Mechanical Data

Item	Standard	Unit
Module dimension	200.0 x 152.0 x 8.2	mm
Active area	170.88 x 128.16	mm
Dots size	0.267 x 0.267	mm
Screen size	8.4 (Diagonal)	inches

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	GND / D3+	11	GND
2	GND / D3-	12	D1+
3	DPS	13	D1-
4	FRC	14	GND
5	GND	15	D0+
6	CLK+	16	D0-
7	CLK-	17	GND
8	GND	18	MSL
9	D2+	19	VCC
10	D2-	20	VCC

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Supply voltage	VCC	-0.3	---	4.0	V
Input signal voltage	VI	-0.3	---	Vcc+0.3	

Electronical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VCC	+3.0V	3.0	3.3	3.6	V
Viewing angle	θL	9 o'clock	70	80	----	degree
	θR	3 o'clock	70	80	----	degree
	θU	12 o'clock	70	80	----	degree
	θD	6 o'clock	70	80	----	degree
Contrast ratio	CR	Best viewing angle	600	1000	----	----
White luminance	ΔL	θ=Φ=0°	300	500	----	cd/m ²
LED forward voltage	VF	25°C	13.3	15	17.0	V
LED forward current	IF	25°C Edge	----	50	----	mA
Storage temp.	TOP	----	-30	----	80	°C
Operation temp.	TST	----	-30	----	80	°C