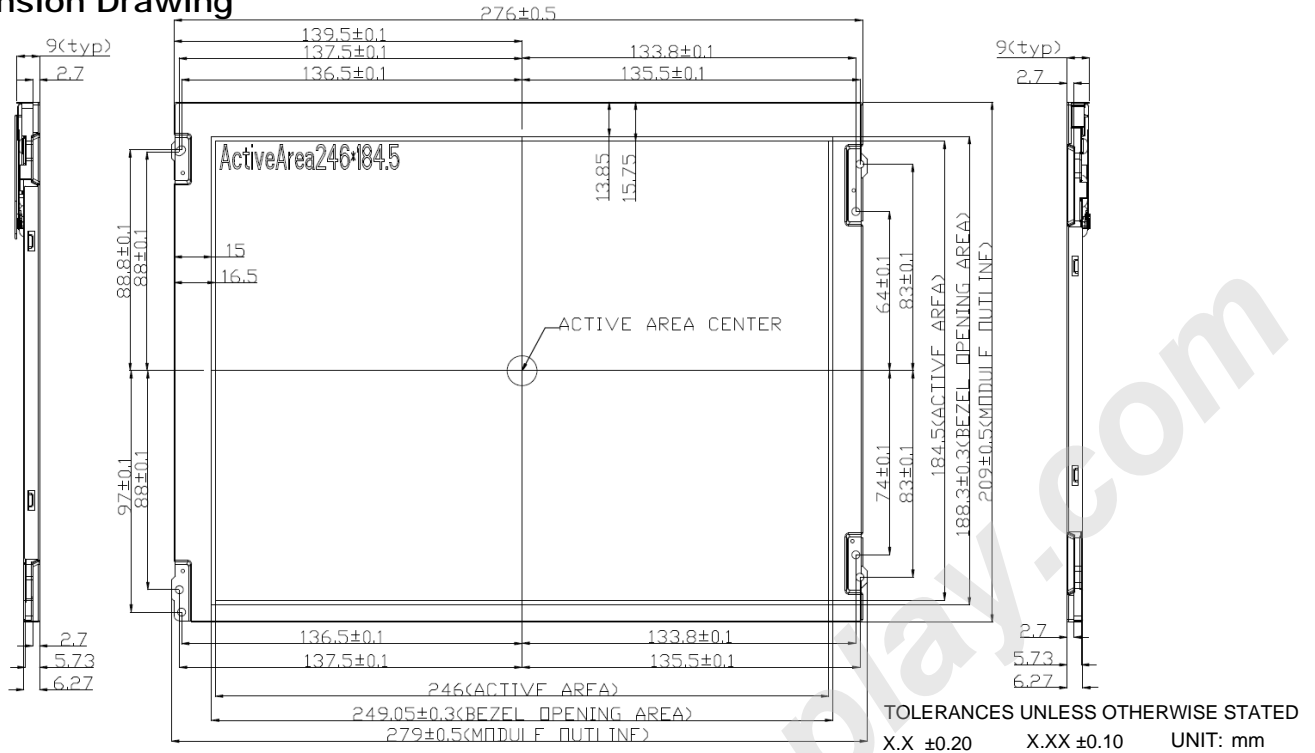


## Dimension Drawing



## Feature:

1. Resolution is 800 (RGB) x 600 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 Receiver 18 bit Interface
6. It could be matched resistive or capacitance touch panel
7. ROHS compliant

## Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	VCC	11	RIN2-
2	VCC	12	RIN2+
3	VSS	13	VSS
4	6-8Bit SEL	14	RCLK-
5	RIN0-	15	RCLK+
6	RIN0+	16	VSS
7	VSS	17	RIN3-
8	RIN1-	18	RIN3+
9	RIN1+	19	REVERSE
10	VSS	20	VSS

## Mechanical Data

Item	Standard	Unit
Module dimension	279.0 x 209.0 x 9.0	mm
Active area	246.0 x 184.5	mm
Dots size	0.3075 x 0.3075	mm
Screen size	12.1 (Diagonal)	inches

## Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Supply voltage	VCC	-0.3	---	6.0	V
Input signal voltage	VI	-0.3	---	Vcc+3.3	

## 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	55	65	----	degree
	θD	6 o'clock	60	70	----	degree
Contrast ratio	CR	Best viewing angle	600	700	----	----
White luminance	ΔL	θ=Φ=0°	400	450	----	cd/m <sup>2</sup>
LED forward voltage	VF	25°C	----	12	----	V
LED forward current	IF	25°C Edge	----	80	----	mA
Storage temp.	Top	----	-20	----	80	°C
Operation temp.	Tst	----	-30	----	90	°C