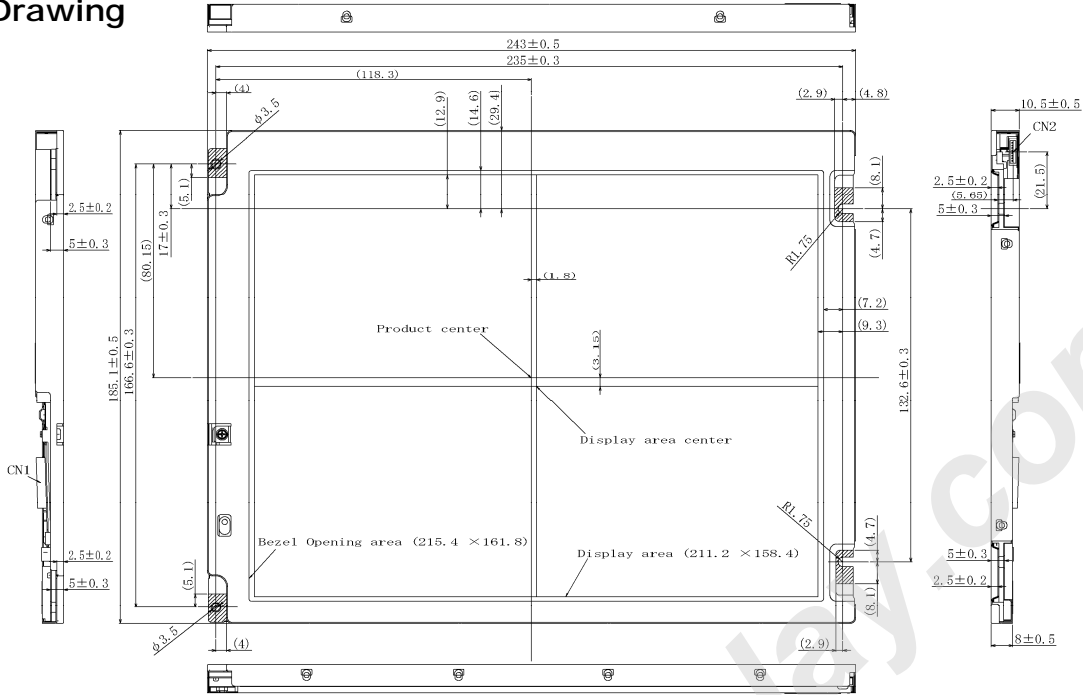


Dimension Drawing



TOLERANCES UNLESS OTHERWISE STATED
 X.X ±0.20 X.XX ±0.10 UNIT: mm

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 262k colors
5. Input Interface is RGB
6. It could be matched resistive or capacitance touch panel
7. ROHS compliant

Mechanical Data

Item	Standard	Unit
Module dimension	243.0 x 185.1 x 10.5	mm
Active area	211.2 x 158.4	mm
Dots size	0.33 x 0.33	mm
Screen size	10.4 (Diagonal)	inches

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	GND	17	G4
2	CLK	18	G5
3	Hsync	19	GND
4	Vsync	20	B0
5	GND	21	B1
6	R0	22	B2
7	R1	23	B3
8	R2	24	B4
9	R3	25	B5
10	R4	26	GND
11	R5	27	DE
12	GND	28	VCC
13	G0	29	VCC
14	G1	30	NC
15	G2	31	DPS
16	G3		

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Max	
Supply voltage	VCC	-0.3	---	6.5	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	60	----	degree
Contrast ratio	CR	Best viewing angle	500	900	----	----
White luminance	ΔL	θ=Φ=0°	280	450	----	cd/m ²
LED forward voltage	VF	25°C	15.9	18.0	20.4	V
LED forward current	IF	25°C Edge	----	50	----	mA
Storage temp.	TOP	----	-30	----	80	°C
Operation temp.	TST	----	-30	----	80	°C