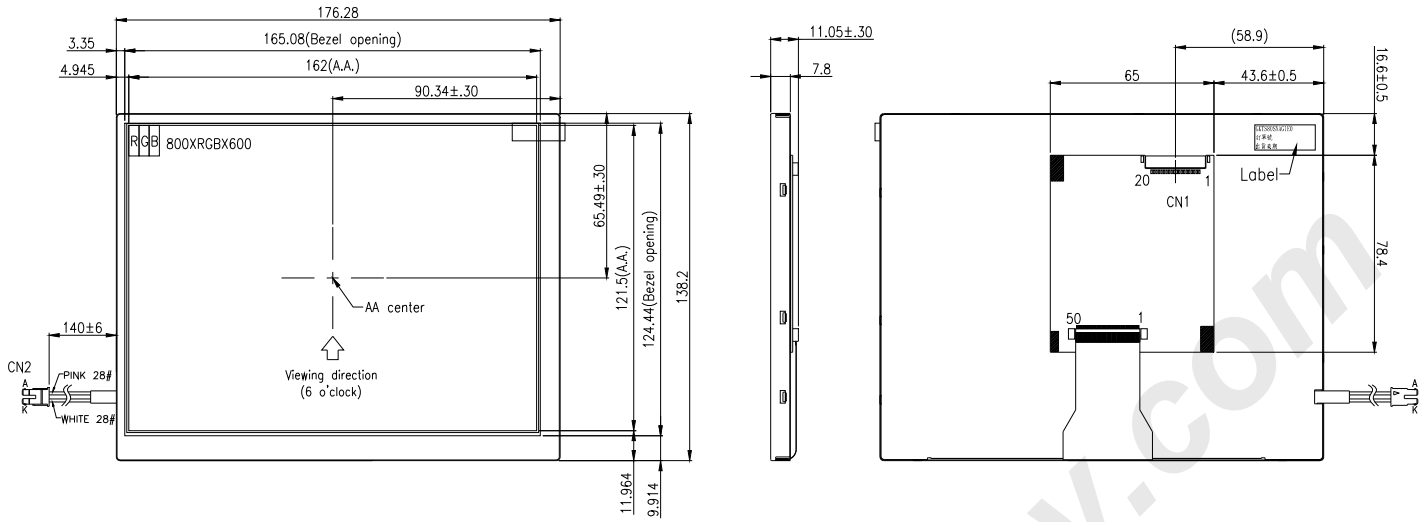


Dimension Drawing



CN1 : MSB24013P20A
 CN2 : JST BHSR-02VS-1
 or compatible

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

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 262k colors
5. Input Interface is LVDS Receiver 18 bit Interface
6. It could be matched resistive or capacitance touch panel
7. Sunlight readable ,High luminance Long life LED
8. ROHS compliant

Interface Pin Connections

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

Mechanical Data

Item	Standard	Unit
Module dimension	176.28 x 138.2 x 7.8	mm
Active area	162.0 x 121.5	mm
Dots size	0.202 x 0.202	mm
Screen size	8.0 (Diagonal)	inches

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	60	70	----	degree
	θR	3 o'clock	60	70	----	degree
	θU	12 o'clock	40	50	----	degree
	θD	6 o'clock	60	70	----	degree
Contrast ratio	CR	Best viewing angle	400	500	----	----
White luminance	ΔL	θ=φ=0°	1100	1300	----	cd/m ²
LED forward voltage	VF	25°C	19	20	24	V
LED forward current	IF	25°C Edge	----	500	550	mA
Storage temp.	TOP	----	-20	----	80	°C
Operation temp.	TST	----	-30	----	90	°C