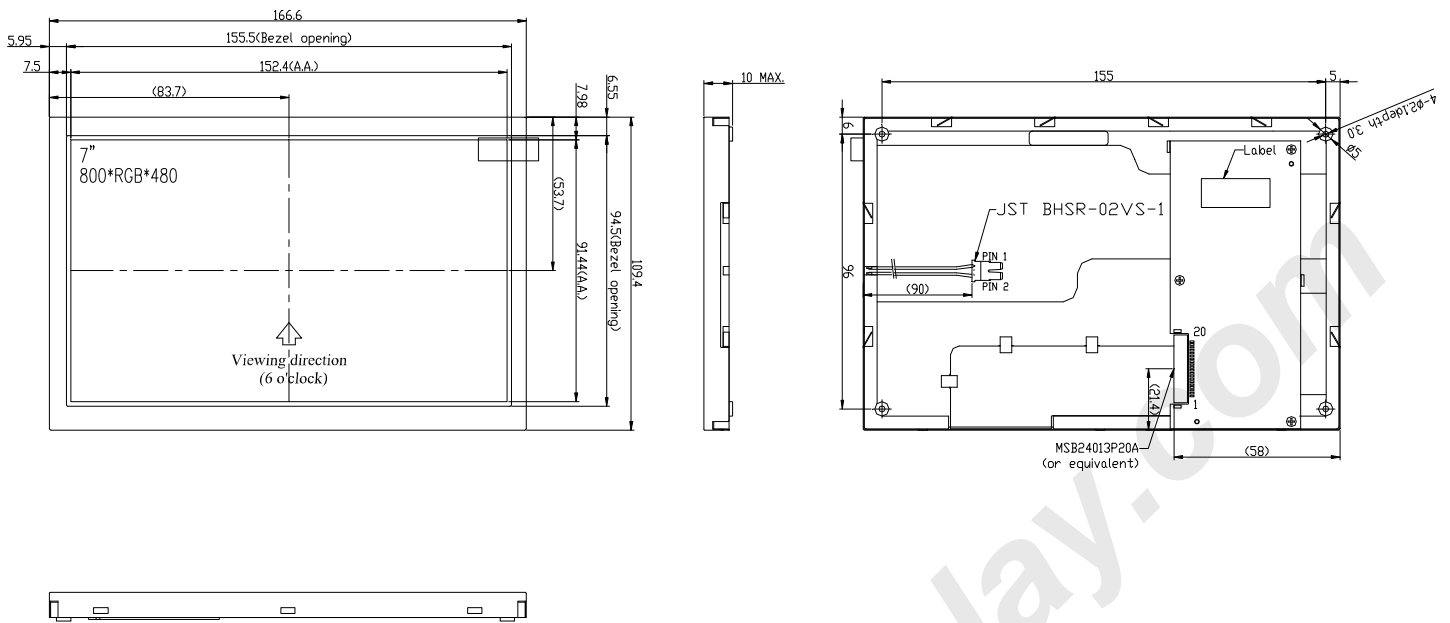


Dimension Drawing



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

Feature:

1. Resolution is 800 (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 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	166.6 x 109.4 x 10.0	mm
Active area	152.4 x 91.44	mm
Dots size	0.190 x 0.190	mm
Screen size	7.0 (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	

Electrical 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	55	65	----	degree
	θR	3 o'clock	55	65	----	degree
	θU	12 o'clock	45	55	----	degree
	θD	6 o'clock	55	65	----	degree
Contrast ratio	CR	Best viewing angle	350	400	----	----
White luminance	ΔL	θ=Φ=0°	800	1000	----	cd/m ²
LED forward voltage	VF	25 °C	9.3	9.9	10.5	V
LED forward current	IF	25 °C Edge	----	260	325	mA
Storage temp.	TOP	----	-20	----	80	°C
Operation temp.	TST	----	-30	----	90	°C