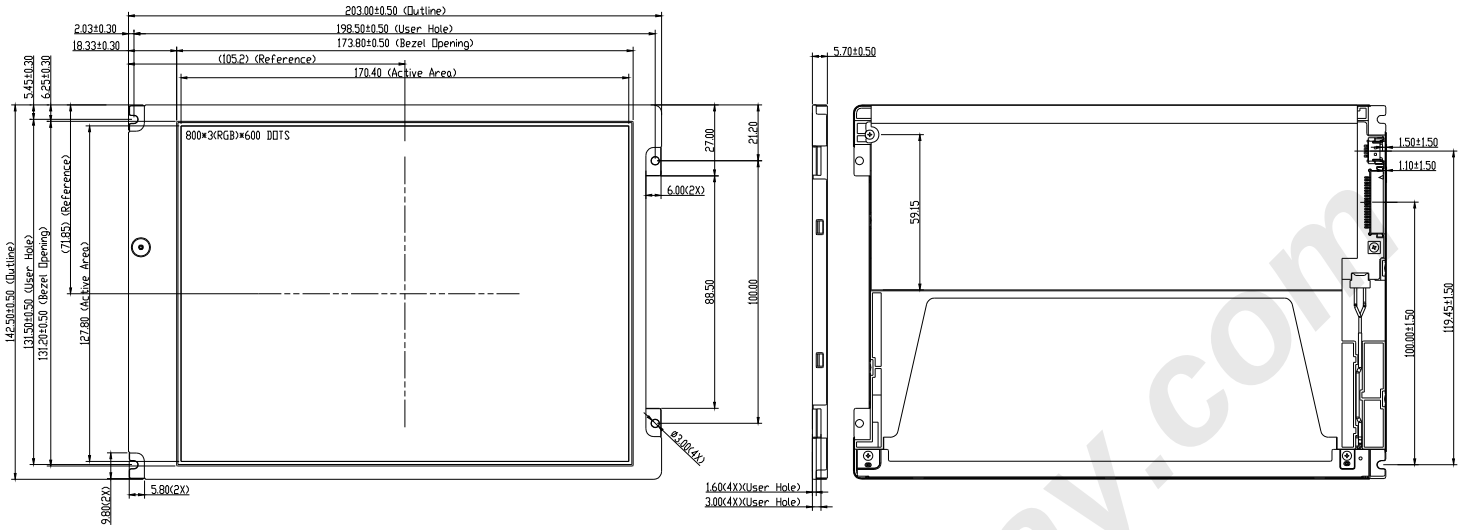
E-SHINE DISPLAY CO., LTD. ET084SBLT1

Dimension Drawing



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 16.2M colors
5. Input Interface is LVDS
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	RIN3-
2	VCC	12	RIN3+
3	UD	13	GND
4	LR	14	RCLK-
5	RIN1-	15	RCLK+
6	RIN1+	16	GND
7	GND	17	6-8Bit SEL
8	RIN2-	18	NC
9	RIN2+	19	RIN4-
10	GND	20	RIN4+

Mechanical Data

Item	Standard	Unit
Module dimension	203.0 x 142.5 x 5.7	mm
Active area	170.4 x 127.8	mm
Dots size	0.213 x 0.213	mm
Screen size	8.4 (Diagonal)	inches

Absolute Maximum Rating

Item	Symbol	Standard			Unit
		Min	Typ	Mix	
Supply voltage	VCC	-0.3	---	5.0	V
Input signal voltage	VI	-0.3	---	5.0	

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	50	60	----	degree
	θR	3 o'clock	60	70	----	degree
	θU	12 o'clock	60	70	----	degree
	θD	6 o'clock	60	70	----	degree
Contrast ratio	CR	Best viewing angle	400	500	----	----
White luminance	ΔL	θ=Φ=0°	200	250	----	cd/m²
LED forward voltage	VF	25°C	----	12	----	V
LED forward current	IF	25°C Edge	----	----	----	mA
Storage temp.	TOP	----	-20	----	70	°C
Operation temp.	TST	----	-30	----	80	°C

www.e-shinedisplay.com