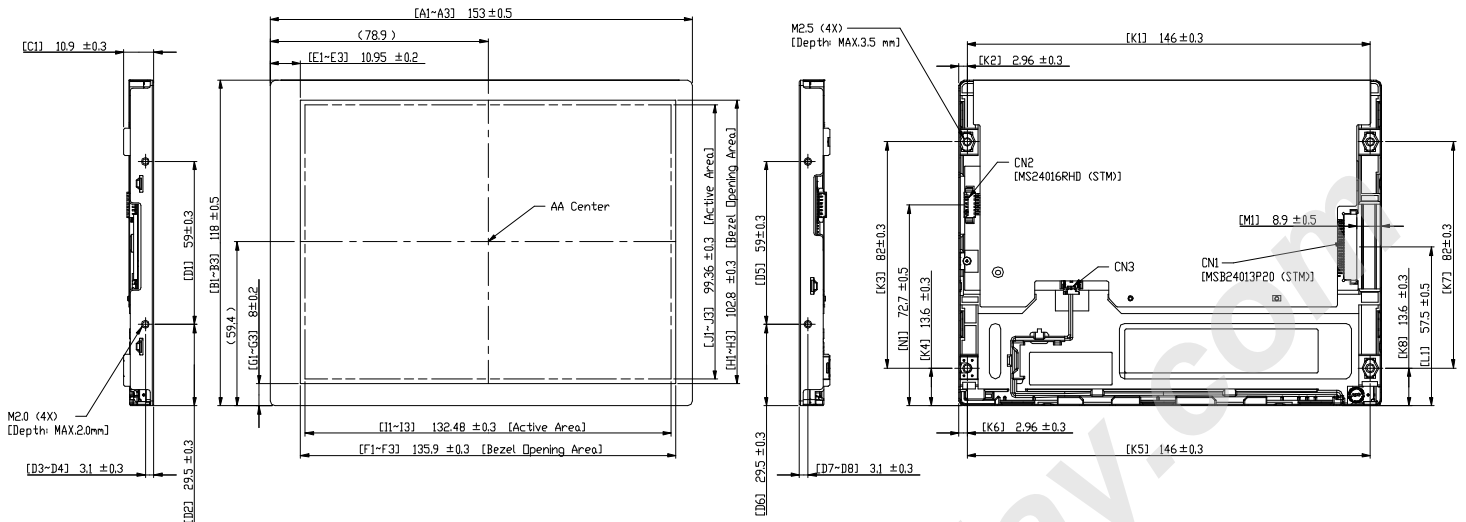


Dimension Drawing



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 /16.2M colors
5. Input Interface is LVDS
6. It could be matched resistive or capacitance touch panel
7. ROHS compliant

Mechanical Data

Item	Standard	Unit
Module dimension	153.0 x 118.0 x 10.9	mm
Active area	132.48 x 99.36	mm
Dots size	0.207 x 0.207	mm
Screen size	6.5 (Diagonal)	inches

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	SEL68
7	VSS	17	U/D
8	RIN1-	18	L/R
9	RIN1+	19	RIN3-
10	VSS	20	RIN3+

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	70	80	----	degree
	θR	3 o'clock	70	80	----	degree
	θU	12 o'clock	60	70	----	degree
	θD	6 o'clock	60	70	----	degree
Contrast ratio	CR	Best viewing angle	400	600	----	----
White luminance	ΔL	θ=Φ=0°	600	800	----	cd/m <sup>2</sup>
LED forward voltage	VF	25°C	9.0	12.0	20	V
LED forward current	IF	25°C Edge	----	250	----	mA
Storage temp.	TOP	----	-30	----	80	°C
Operation temp.	TST	----	-30	----	85	°C