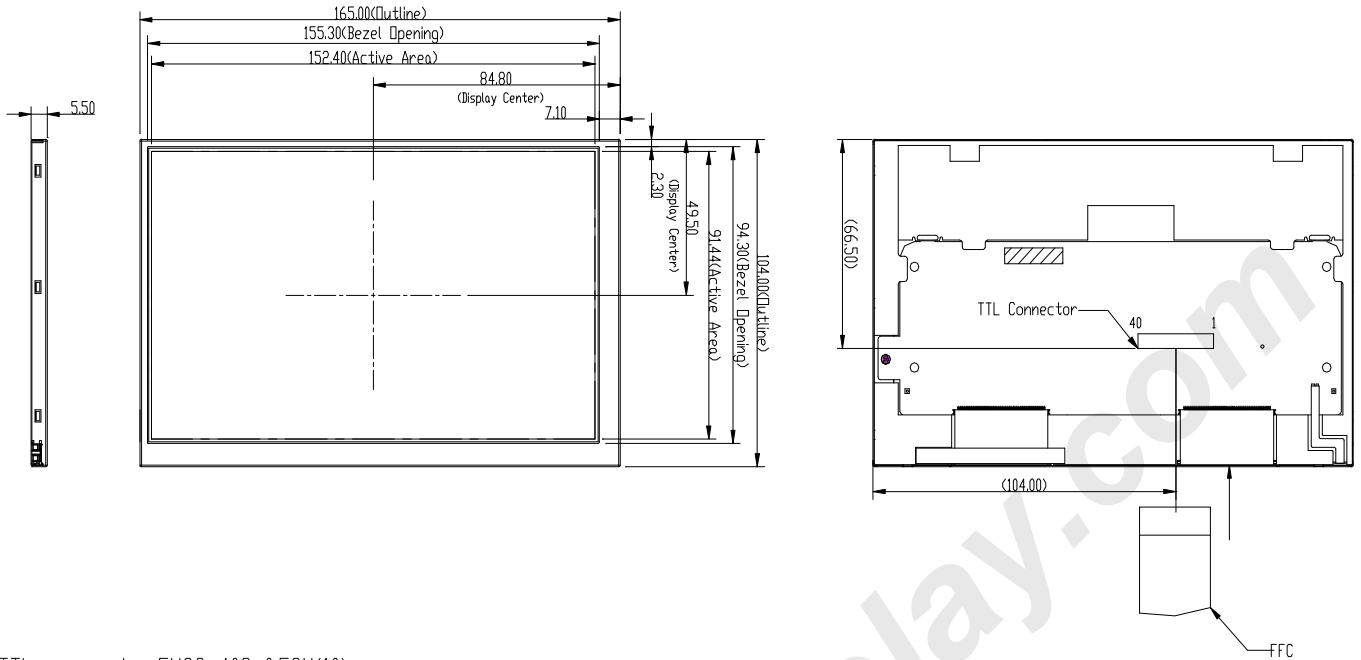


Dimension Drawing



TTL connector: FH33-40S-0.5SH(10);

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 Digital(TTL)
6. It could be matched resistive or capacitance touch panel
7. ROHS compliant

Interface Pin Connections

PIN NO.	Symbol	PIN NO.	Symbol
1	VLED+	21	G5
2	VLED+	22	G4
3	ADJ	23	G3
4	GLED	24	GND
5	GLED	25	G2
6	Vcc	26	G1
7	Vcc	27	G0
8	MODE	28	GND
9	DE	29	R5
10	VS	30	R4
11	HS	31	R3
12	GND	32	GND
13	B5	33	R2
14	B4	34	R1
15	B3	35	R0
16	GND	36	GND
17	B2	37	DCLK
18	B1	38	GND
19	B0	39	L/R
20	GND	40	U/D

Mechanical Data

Item	Standard	Unit
Module dimension	165 x 104 x 5.5	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	---	5.0	V
Input signal voltage	VI	-0.3	---	6.3	

Electrical Characteristics

Item	Symbol	Condition	Standard			Unit
			Min	Typ	Max	
Input voltage	VCC	+3.0V	3.1	3.3	3.5	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°	250	300	----	cd/m ²
LED forward voltage	VF	25°C	4.8	5.0	5.2	V
LED forward current	IF	25°C Edge	----	500	550	mA
Storage temp.	TOP	----	-20	----	80	°C
Operation temp.	TST	----	-30	----	90	°C