

# Optima

## OF050CAT

### ◎ Feature

Item	Info.
Resolution	800*480
Power supply	3.3V
Interface	Digital 24-bit RGB
IC	ILI5960+ILI6122
View Direction	12 o'clock
Touch Panel	RTP

### ◎ Mechanical Data (unit: mm)

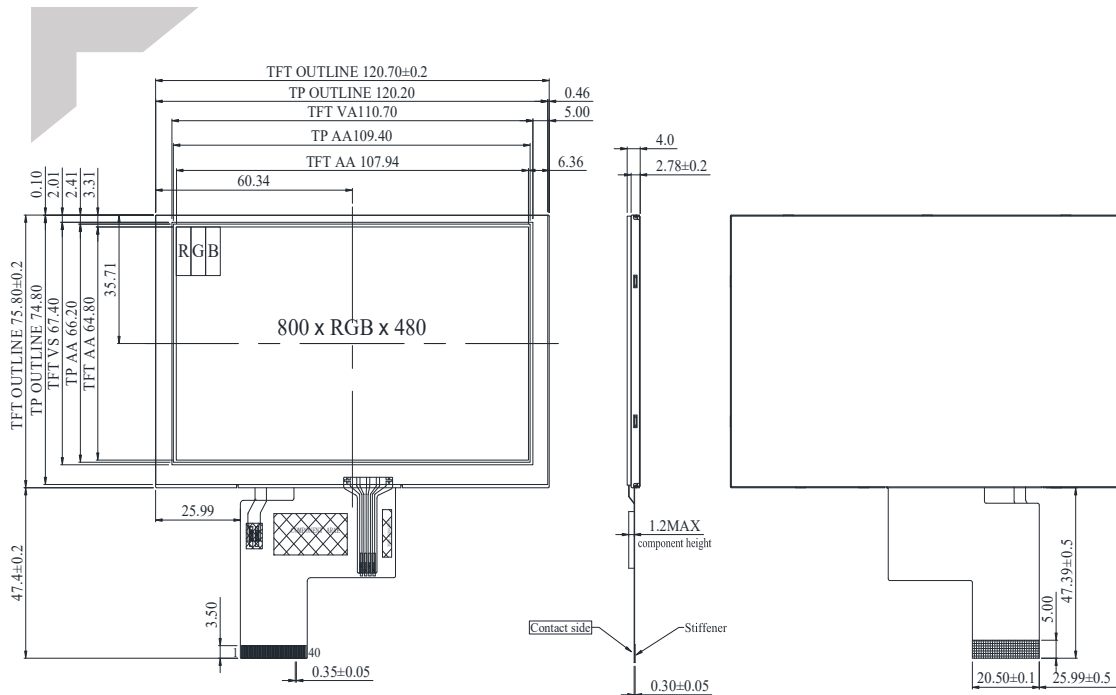
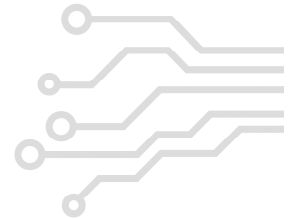
Item	Dimension
Module dimension	120.7 x 75.8
View area	110.7 x 67.4
Active area	107.94 x 64.8
Pixel size	0.135 x 0.135

### ◎ Electrical Characteristics (unit: V)

Item	Min	Typ	Max
Supply Voltage (VDD)	3.0	3.3	3.6
Voltage for Backlight	-	19.2	-

### ◎ Temperature Range (unit: °C)

Item	Min	Typ	Max
Operating Temp.	-20		70
Storage Temp.	-30		80



TFT INTERFACE

PIN NO.	SYMBOL	PIN NO.	SYMBOL
1	VLED-	21	B0
2	VLED+	22	B1
3	GND	23	B2
4	VDD	24	B3
5	R0	25	B4
6	R1	26	B5
7	R2	27	B6
8	R3	28	B7
9	R4	29	GND
10	R5	30	CLK
11	R6	31	DISP
12	R7	32	NC
13	G0	33	NC
14	G1	34	DE
15	G2	35	NC
16	G3	36	GND
17	G4	37	XR
18	G5	38	YD
19	G6	39	XL
20	G7	40	YU

