OF050CAC

◎ 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	CTP

◎ Mechanical Data (unit: mm)

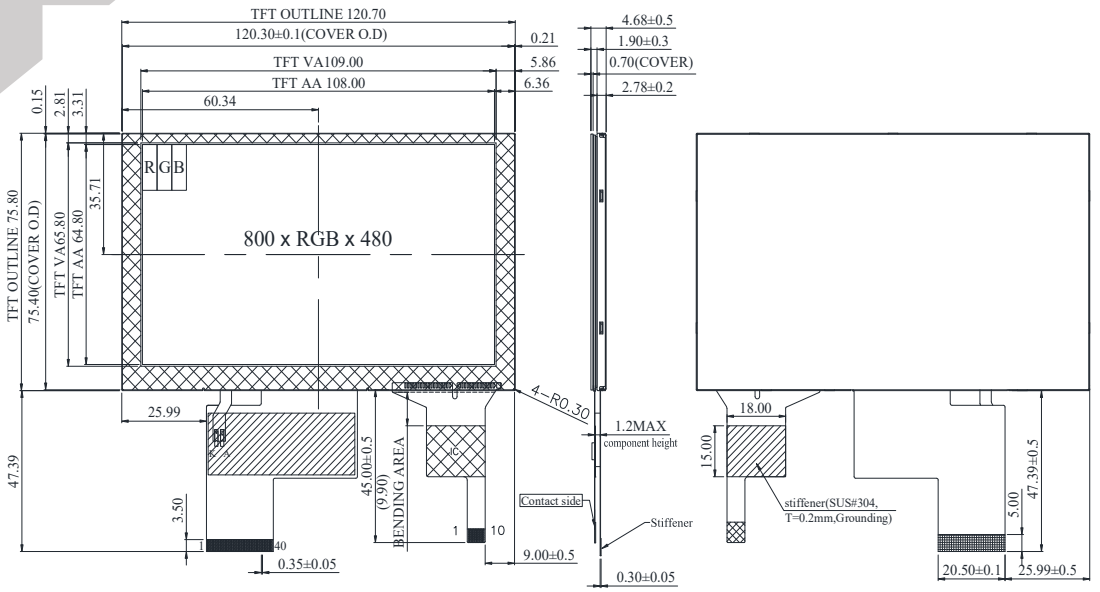
Item	Dimension
Module dimension	120.7 x 75.8
View area	109 x 65.8
Active area	108 x 64.8
Pixel size	0.135 x 0.135

◎ Electronical Characteristics (unit: V)

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

◎Temperature Range (unit: ℃)

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



TFT INTERFACE

PIN NO.	SYMBOL	PIN NO.	SYMBOL
1	V_{LED-}	21	B0
2	V_{LED+}	22	B1
3	GND	23	B2
4	V_{DD}	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	NC
18	G5	38	NC
19	G6	39	NC
20	G7	40	NC

CTP PIN ASSIGNMENT:

1	VSS
2	VDD
3	SCL
4	NC
5	SDA
6	NC
7	/RST
8	NC
9	/INT
10	VSS