

Optima

OF070HAT

◎ Feature

Item	Info.
Resolution	800*480
Power supply	3.3V
Interface	24-bit RGB
IC	EK9713+EK73002
View Direction	12 o'clock
Touch Panel	CTP

◎ Mechanical Data (unit: mm)

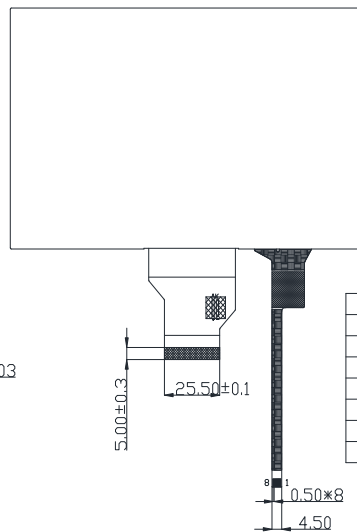
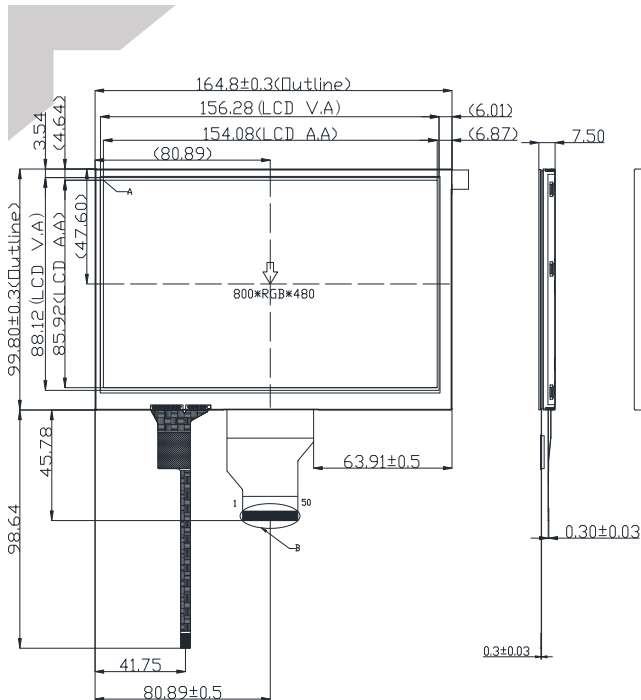
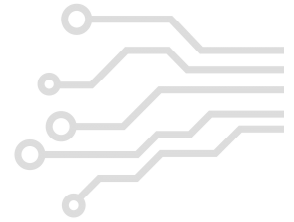
Item	Dimension
Module dimension	164.8 x 99.8
View area	156.9 x 89.68
Active area	154.08 x 85.92
Pixel size	0.1926 x 0.1790

◎ Electrical Characteristics (unit: V)

Item	Min	Typ	Max
Supply Voltage (VDD)	3.0	3.3	3.6
Voltage for Backlight	-	9.3	-

◎ Temperature Range (unit: °C)

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



CTP	
1	VSS(GND)
2	VDD
3	SDA
4	SCL
5	RST
6	INT
7	NC
8	VSS(GND)

PINS ASSIGNMENTS

NO.	SYMBOL	NO.	SYMBOL
1	LED+	26	G1
2	LED+	27	G0
3	LED-	28	R7
4	LED-	29	R6
5	GND	30	R5
6	VCOM	31	R4
7	DVDD	32	R3
8	MODE	33	R2
9	DE	34	R1
10	VS	35	R0
11	HS	36	GND
12	B7	37	DCLK
13	B6	38	GND
14	B5	39	L/R
15	B4	40	U/D
16	B3	41	VGH
17	B2	42	VGL
18	B1	43	AVDD
19	B0	44	RESET
20	G7	45	NC
21	G6	46	VCOM
22	G5	47	DITHB
23	G4	48	GND
24	G3	49	NC
25	G2	50	NC