

Optima

OF070BBN

◎ Feature

Item	Info.
Resolution	800*480
Power supply	3.3V
Interface	8080/6800, SPI
IC	RA8875
View Direction	6 o'clock
Touch Panel	-

◎ Mechanical Data (unit: mm)

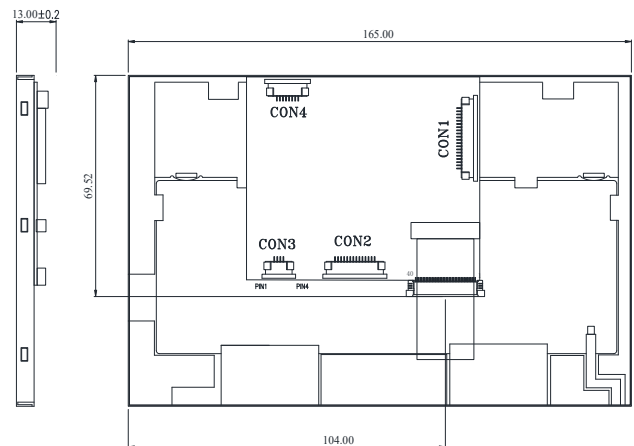
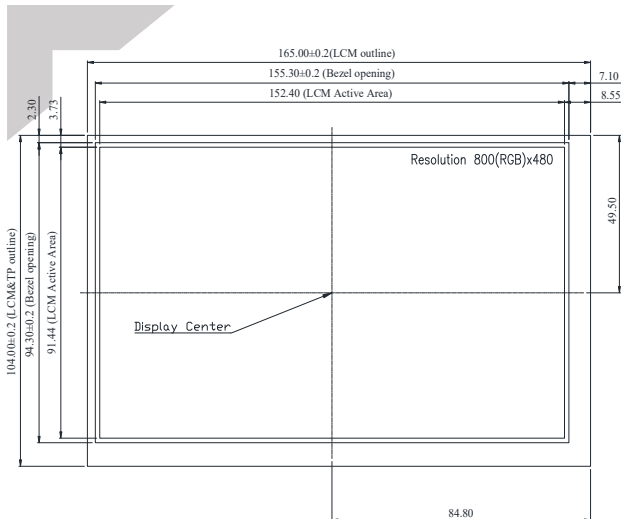
Item	Dimension
Module dimension	165.0 x 104.0
View area	155.3 x 94.3
Active area	152.4 x 91.44
Pixel size	0.1905 x 0.1905

◎ Electrical Characteristics (unit: V)

Item	Min	Typ	Max
Supply Voltage (VDD)	3.1	3.3	3.5
Voltage for Backlight	-	5.0	-

◎ Temperature Range (unit: °C)

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



CON1(MCU)		CON2 (SPI)		CON3 (TouchPanel)	
PIN NO.	SYMBOL	PIN NO.	SYMBOL	PIN NO.	SYMBOL
1	GND	1	GND	1	XN
2	VDD	2	VCC	2	YN
3	BL EN	3	SCSE	3	XP
4	RS	4	SDD	4	YP
5	WR	5	SDI		
6	RD	6	SCL		
7	DB0	7	IICAO		
8	DB1	8	IICAZ		
9	DB2	9	INT		
10	DB3	10	WAIT		
11	DB4	11	RS1		
12	DB5	12	BL EN		
13	DB6	13	LED+5V		
14	DB7	14	LED-		
15	CSE				
16	RS1				
17	WAIT				
18	INT				
19	LED+5V				
20	LED-				

CON4 (Flash ROM)	
PIN NO.	SYMBOL
1	EN
2	SFCS1
3	SFDO
4	SFCL
5	SFCL
6	VCC
7	GND
8	GND