

Optima

OMF035A005K01600

◎ Feature

Item	Info.
Resolution	480*320
Power supply	5.0V
Interface	UART
IC	32 ARM MCU
View Direction	12 o'clock
Touch Panel	CTP

◎ Mechanical Data (unit: mm)

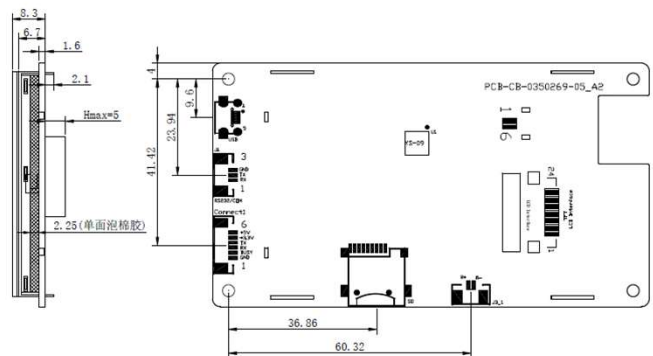
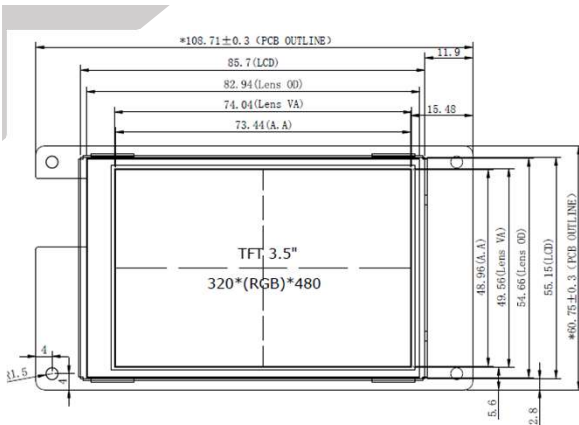
Item	Dimension
Module dimension	108.71 x 60.75
View area	-
Active area	73.44 x 48.96
Pixel size	-

◎ Electrical Characteristics (unit: V)

Item	Min	Typ	Max
Supply Voltage (VDD)	4.5	5.0	5.5
Voltage for Backlight	-	19.2	-

◎ Temperature Range (unit: °C)

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



J1 COM/RS232

PIN	Description	Remarks
1	RX	RS232信号RX输入
2	TX	RS232信号TX输出
3	GND	串口屏接地负极

Connect TTL/232通讯接口

PIN	Description	Remarks
1	GND	串口屏供电负极
2	PM01	PM01信号控制位
3	RX	串口屏RX信号输入
4	TX	串口屏TX信号输出
5	+3.3V	串口屏3.3V供电输入(选)
6	+5.0V	串口屏5V供电输入

USB 接口

PIN	Description	Remarks
1	+5.0V	串口屏USB 5V供电输入
2	DM	USB DATA-
3	DP	USB DATA+
4	GND	串口屏供电负极
5	GND	串口屏供电负极