

产品规格书

Specification

产品名称 (Product): 4.3 寸液晶显示模组/4.3inch TFT LCD Module驱动板 (Driver board): JDLC4318001版本号 (Version): RD001液晶屏 (TFT LCD): JD043C40D08A1-57ADT(43)

客户名称 (Customer): _____

客户型号 (Cust.P/N): _____

日期 (Date): _____

客户 CUSTOMER			承制方 MANUFACTURER		
品质	工程	审批	审核	批准	销售
Quality	Engineer	Approved	Checked	Approved	Sales

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版本更改 Version

日期/Date	版本/Ver.	修改版本/Modification
2015-10-21	RD001	第一版(First Version)

1. 概况 Profile:

JDLC4318001 RD001 - JD043C40D08A1-57ADT(43) 彩色液晶驱动模组，由 JDLC4318001 RD001 驱动板和 (JD043C40D08A1-57ADT(43)) 屏组成。支持 PAL 和 NTSC 制 CVBS 信号输入，可实现制式自动识别。电位器调节彩色、亮度。它主要用于可视门铃、楼宇对讲、可视电话等其它显示电子设备。

JDLC4318001 RD001 - JD043C40D08A1-57ADT(43) Color Digital Module is comprised by JDLC4318001 RD001 driver board and (JD043C40D08A1-57ADT(43)) screen. The LCD module supports CVBS signal input ,NTSC and PAL formats which two formats applies to auto identification. Potentiometer adjust to color,brightness with the OSD menu display.It's suitable for display electronics assembly,such as Video door phone &video phone,building talk-back system etc.

2. 基本参数 Specifications:

No.	项目/Item	说明/Description	Note
1	液晶屏显示尺寸/LCD Display	4.3 英寸/4.3inch	
2	液晶屏显示比/LCDDisplay Ratio	4:3	
3	背光方式/Backlight	LED	
4	亮度/Brightness	315~385cd/m ²	
5	解析度/Resolution	480×3(RGB)×272	
6	视角范围/View angle	(40/60/60/60)up/down/left/right	
7	液晶屏尺寸/LCD dimension	103.9 (W) ×81.3 (H) ×5.6 (D) mm	
8	有效显示范围/Effect area	95.04 (H) ×53.86 (V) mm	
9	驱动板尺寸/Driver board size	60.37 (W) ×29.24 (H) ×1.2 (D) mm	
10	工作电压 (纹波小于 0.3VP-P) Working Voltage (Wave<0.3VP-P)	最小: DC9V; 标准: DC12V; 最大: DC18V; Min:DC9V; Standard: DC12V; Max: DC18V;	
11	工作电流 (DC 12V 供电时) Working Current (DC 12V supply)	DC120mA ±20mA	
12	消耗功率/Power Consumption	1.44W (TYP)	
13	启动时间/Start Time	≤2.0 秒 ≤2.0 S	
14	工作温度范围/Working Temp.	0℃~60℃	
15	储存温度范围/Storage Temp.	-20℃~70℃	
16	环境相对湿度/ENV. Humidity	5~95%RH	

注 1: 屏幕亮度值的测试结果, 采用 BM-7 仪器测试。

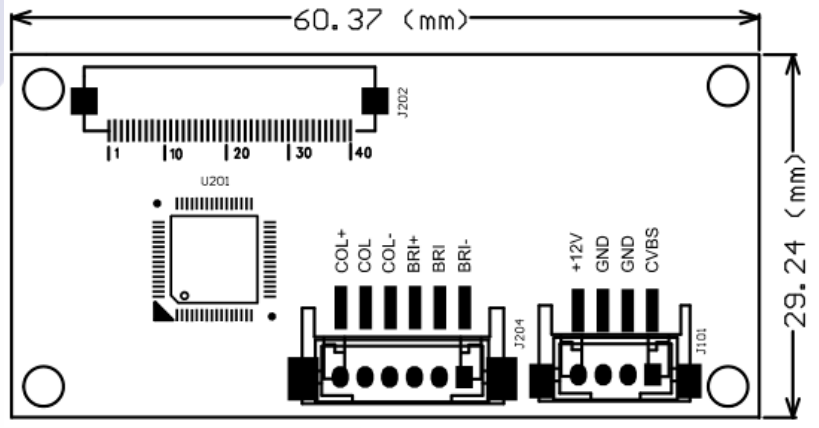
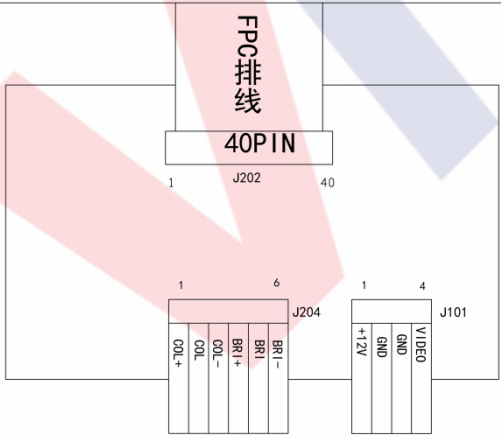
Note1: The test result of screen brightness values is adopted by BM-7 machine.

3. 产品图片/Product Picture:



4. 连线示意图/Wiring Diagram:

4.3inch LCD



5. 驱动板接口定义/Interface Definition:

5.1. J101 接口定义/J101 Interface Definition: (4PIN 2.0mm)

PIN	Function	I/O/P	脚位定义说明/PIN Definition	Note
1	+12V	I	直流电源输入/DC power input	9-15V
2	GND	P	地/ Ground	
3	GND	P	地/ Ground	
4	VIDEO	I	视频信号输入/Video Signal input	0.3-1.8VP-P

5.2. J204 接口定义/J204 Interface Definition: (6PIN 2.0mm)

PIN	Function	I/O	脚位定义说明/PIN Definition	Note
1	COL+	I	彩色加/ Color+	
2	COL	I	彩色调节/ Color adjustment	0-3.3V
3	COL-	I	彩色减/ Color-	
4	BRI+	I	亮度加/ Brightness+	
5	BRI	I	亮度调节/ Brightness adjustment	0-3.3V
6	BRI-	I	亮度减/ Brightness-	

5.2.1. 电位器规格: 50KB (直线型) / Potentiometer Spec.: 50KB (Line type)

