



## DLF/DLH0845-A

### 8.4" TFT LCD, 1000 nits LED Backlight, 800x600

The DLF/DLH0845-A is a 8.4 inch industrial grade sunlight readable LCD, with high brightness 1000 nits, it produces sharp images, crisp text and lifelike colors. The Durapixel LED backlight technology ensures high reliability and low power consumption, suitable for outdoor application, kiosk, factory automation, military, transportation and gaming application.

#### Key Features

- High Brightness 1000 nits
- Sunlight Readable
- Wide Viewing Angle of 178°(H), 178°(V)
- Wide Temperature (-30~85°C)
- Low Power Consumption
- BL MTBF: 100,000 hours



#### Specifications

| Model Name              | DLF/DLH0845-A                                                |
|-------------------------|--------------------------------------------------------------|
| Description             | 8.4" TFT LCD, 1000 nits LED Backlight, 800x600               |
| Screen Size             | 8.4"                                                         |
| Display Area (mm)       | 170.4(H) x 127.8(V)                                          |
| Brightness              | 1000 cd/m <sup>2</sup>                                       |
| Resolution              | 800x600                                                      |
| Aspect Ratio            | 4:3                                                          |
| Contrast Ratio          | 1800:1                                                       |
| Pixel Pitch (mm)        | 0.213(H) x 0.213(V)                                          |
| Pixel Pre Inch (PPI)    | 119                                                          |
| Viewing Angle           | 178°(H),178°(V)                                              |
| Color Saturation (NTSC) | 44%                                                          |
| Display Colors          | 16.7M                                                        |
| Response Time (Typical) | 25ms                                                         |
| Panel Interface         | LVDS                                                         |
| Input Interface         | VGA, DVI-D, HDMI                                             |
| Input Power             | DC12V                                                        |
| Power Consumption       | 2W (5W with AD Board)                                        |
| OSD Key                 | 4 Keys (Power Switch, Menu, +, -)                            |
| OSD Control             | Brightness, Color, Contrast, Auto Tuning, H/V Position...etc |
| Dimensions (mm)         | 203(W) x 142.5(H) x 8(D)                                     |
| Bezel Size(U/B/L/R)     | 8/6.7/20.175/12.425 mm                                       |
| Weight (Net)            | 0.25kg                                                       |
| Operating Temperature   | -30 °C ~ 85 °C                                               |
| Storage Temperature     | -30 °C ~ 85 °C                                               |

DLF= Panel + LED Driving Board

DLH= Panel + LED Driving Board + AD Control Board

Specifications are subject to change without notice.

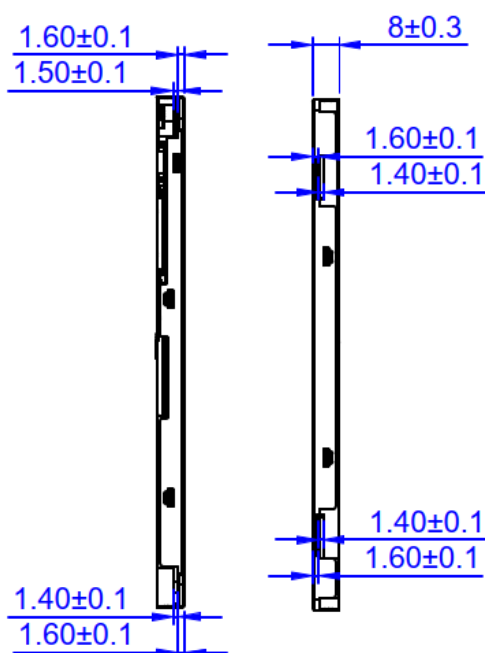
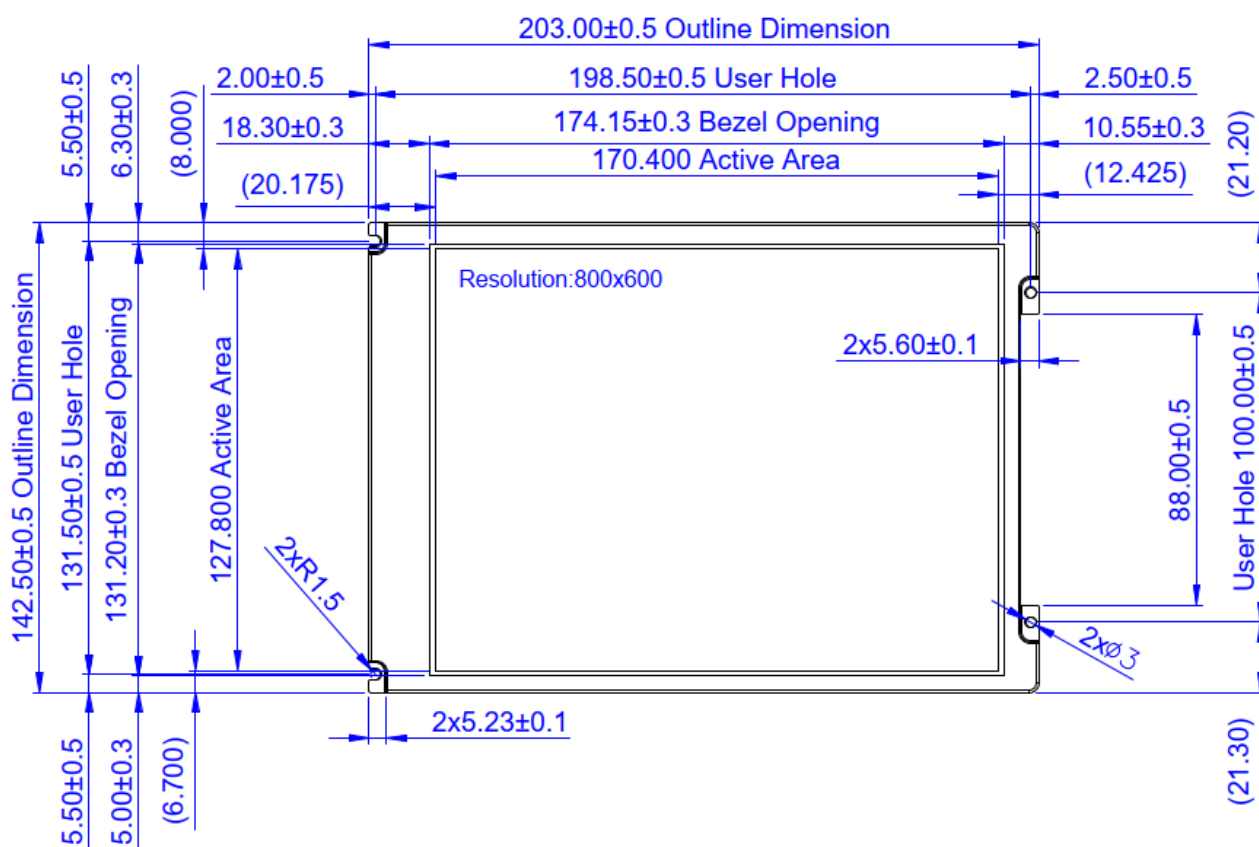
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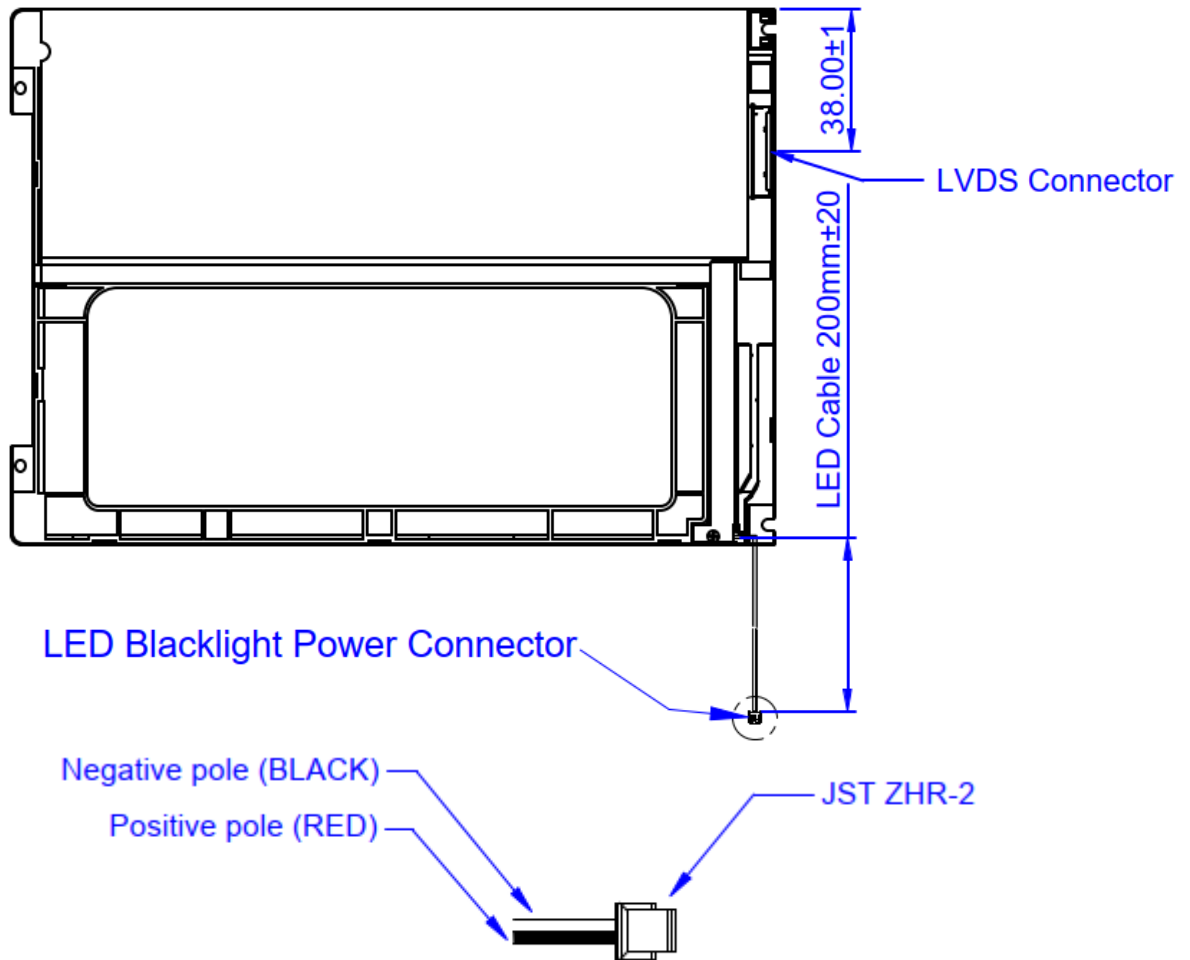


## Mechanical Drawing

### Outline Dimensions

Unit:mm





## Connector View

Note :

- 1.Unspecified Tolerance To Be  $\pm 0.5\text{mm}$
- 2."( )"Marks The Reference Dimensions
3. LVDS Connector:STM-MSB24013P20HA or compatible



### Ordering Information

| Part Number            | Description                                                |
|------------------------|------------------------------------------------------------|
| <b>DLF0845-ANN-A21</b> | 8.4",1000nits,800x600,T3085,LID08C,5in1,V2                 |
| <b>DLH0845-ANN-Q21</b> | 8.4",1000nits,800x600,T3085,LID08C,AD8891GDH,DC12V,5in1,V2 |
|                        |                                                            |

### Optional Accessories

| Part Number         | Description                                                                     |
|---------------------|---------------------------------------------------------------------------------|
| <b>840612051212</b> | ADAPTER,AC/DC,12V/5A,60W,Power-Din-4P,CWT,G99-ABF060F-N022,Efficiency-level-6,R |
| <b>810618301010</b> | CABLE,POWER,AC,1830mm USA type                                                  |
| <b>810618301090</b> | CABLE,POWER,AC,1830mm Europe type                                               |
| <b>810618301050</b> | CABLE,POWER,AC,1830mm UK type                                                   |
| <b>810618301170</b> | CABLE,POWER,AC,1830mm Australia type                                            |
| <b>810618301031</b> | CABLE,POWER,AC,1830mm Japan type                                                |
|                     |                                                                                 |

### Customer request

|              |                                 |
|--------------|---------------------------------|
| <b>Touch</b> | PCAP (Multi-Touch)              |
| <b>Glass</b> | Tempered glass, AR coating..... |
|              |                                 |