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DLF0765-I / DLH0765-I V1

7" TFT LCD, LED Backlight 1000nits,1024x600

The DLF/DLH0765-I is a 7 inch industrial grade sunlight readable LCD, with high brightness 1,000 nits and high color saturation, it produce 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
- LED Backlight
- Low Power Consumption
- Wide Operation Temperature
- Slim Bezel
- BL MTBF: 70,000 hours



Specifications

Model Name	DLF0765-I / DLH0765-I V1
Description	7" TFT LCD, LED Backlight 1,000nits,1024x600
Screen Size	7"
Display Area (mm)	154.21(H) x 85.92(V) mm
Brightness	1000 cd/m ²
Resolution	1024 x 600
Aspect Ratio	16 : 9
Contrast Ratio	900 : 1
Pixel Pitch (mm)	0.1506(H) x 0.1432(V)
Pixel Pre Inch (PPI)	170
Viewing Angle	150°(H), 145°(V)
Color Saturation (NTSC)	81%
Display Colors	16.7M
Response Time (Typical)	25 ms
Video Interface (DLF)	LVDS
Power Consumption (DLF)	4.5 W
Dimensions (mm)	164.9x100x4.8 mm
Bezel Size(U/B/L/R)	3.08/7.43/2.35/5.34 mm
Weight (Net)	0.3 kg
Video Interface (DLH)	VGA, DVI-D, HDMI
Power Consumption (DLH)	7.8 W
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Operating Temperature	-20 °C ~ 70 °C
Storage Temperature	-30 °C ~ 80 °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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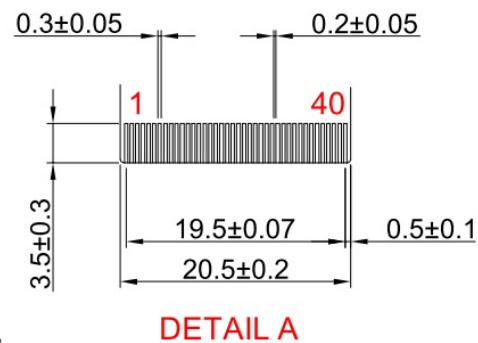
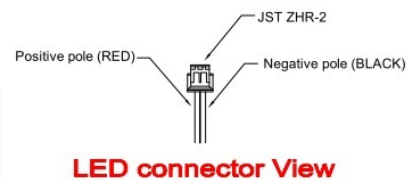
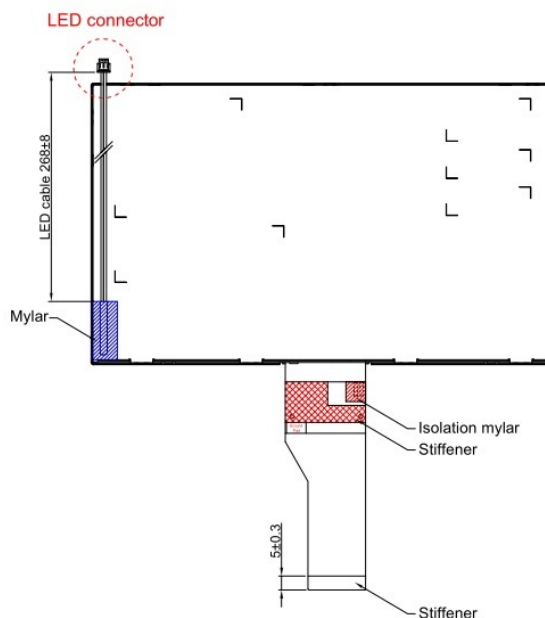
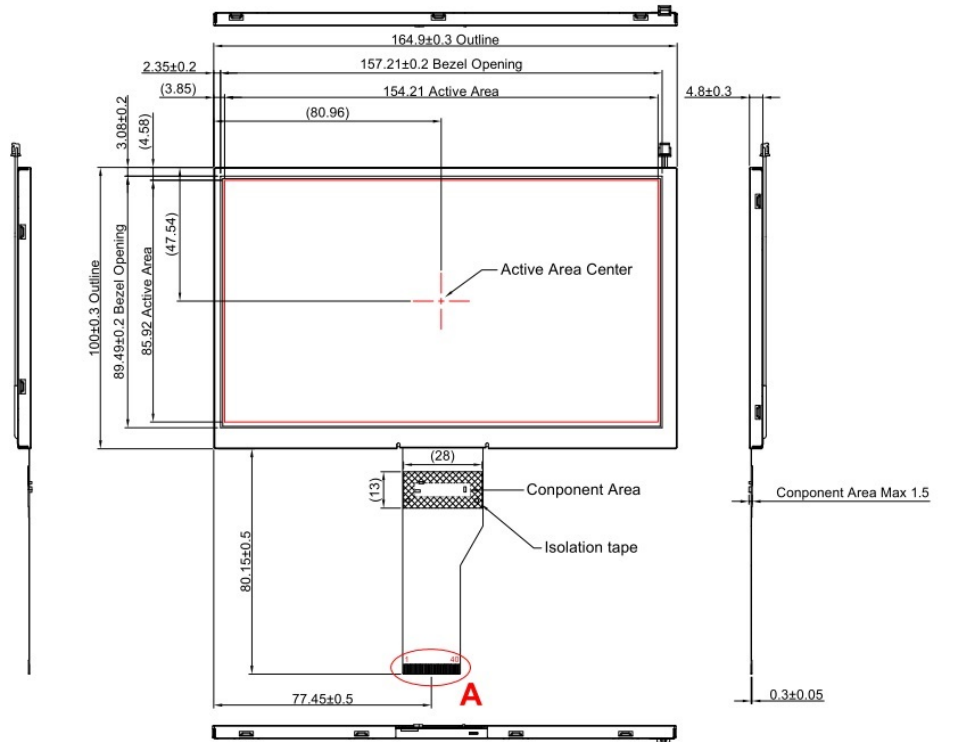


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Mechanical Drawing

Outline Dimensions

Unit: mm



- Note:
1. Display mode: normally white
 2. Resolution: 1024x600
 3. Tolerance is $\pm 0.3\text{mm}$ unless noted.
 4. FPC connector suggest to be FH12A-40S-0.5SH manufactured by Hirose.
 5. Bending radius of FPC should be larger than 1.0mm.
 6. "()" marks the reference dimensions.


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Ordering Information

Part Number	Description
DLF0765-INN-A01	7",1000nits,1024*600,LID7B,10 in 1,V1
DLH0765-INN-G01	7",1000nits,1024*600,LID7B,AD2662GDHM,10 in 1,V1

Optional Accessories

Part Number	Description
840612051220	Adapter 12V,5A,60W.FSP060-DCBD1,POWER DIN 4P.P
810618301010	CABLE.POWER.AC.1830mm USA type
810618301090	CABLE,POWER,AC,1830mm Europe type
810618301050	CABLE.POWER.AC.1830mm UK type
810618301170	CABLE.POWER,AC,1830mm Australia type
810618301031	CABLE.POWER.AC.1830mm Japan type

By Customer Request

Touch	Resistive (Single-Touch), SCT (Single-Touch), PCT (Multi-Touch)
AOT	Liquid Bonding, OCA Bonding
Glass	Tempered glass, AR coating.....
DC to DC Power Board	DC9~36V input

Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

US

sales@assured-systems.com

Sales: +1 347 719 4508

Support: +1 347 719 4508

1309 Coffeen Ave
Ste 1200
Sheridan
WY 82801
USA

EMEA

sales@assured-systems.com

Sales: +44 (0)1785 879 050

Support: +44 (0)1785 879 050

Unit A5 Douglas Park
Stone Business Park
Stone
ST15 0YJ
United Kingdom

VAT Number: 120 9546 28

Business Registration Number: 07699660