



ULF/ULH0705-H 7" TFT LCD, 1000nits LED Backlight, 800x480

The ULF/ULH0705-H is a 7 inch industrial grade sunlight readable LCD, with high brightness 1000 nits, it produce sharp images, crisp text and lifelike colors. The Ubipixel LED backlight technology ensures high reliability and low power consumption, suitable for outdoor application, kiosk, factory automation, military and transportation application.

Key Features

- High Brightness 1000 nits
- Sunlight Readable
- LED Backlight
- Low Power Consumption
- Wide Temperature(-40 °C ~ 85 °C)
- BL MTBF: 20,000 hours



Specifications

Model Name	ULF/ULH0705-H
Description	7" TFT LCD, 1000 nits LED Backlight, 800x480
Screen Size	7"
Display Area (mm)	152.4(H) x 91.44(V)
Brightness	1000 cd/m ²
Resolution	800x480
Aspect Ratio	16 : 9
Contrast Ratio	860 : 1
Pixel Pitch (mm)	0.1905(H) x 0.1905(V)
Pixel Pre Inch (PPI)	133
Viewing Angle	170°(H),170°(V)
Color Saturation (NTSC)	83%
Display Colors	16.7M
Response Time (Typical)	30ms
Panel Interface	LVDS
Input Interface	HDMI, DP
Input Power	DC12V
Power Consumption	2.8W (4.8W with AD Board)
OSD Key	4 Keys (Power Switch, Menu, +, -)
OSD Control	Brightness, Color, Contrast, Auto Turing, H/V Position...etc
Dimensions (mm)	165.00 x 104.07 x 9.15
Bezel Size(U/B/L/R)	3.63/9.0/6.3/6.3 mm
Weight (Net)	0.5 kg
Operating Temperature	-40 °C ~ 85 °C
Storage Temperature	-40 °C ~ 95 °C

ULF= Panel + w/LVDS&LID converter board

ULH= Panel + w/LVDS&LID converter board + AD Control Board

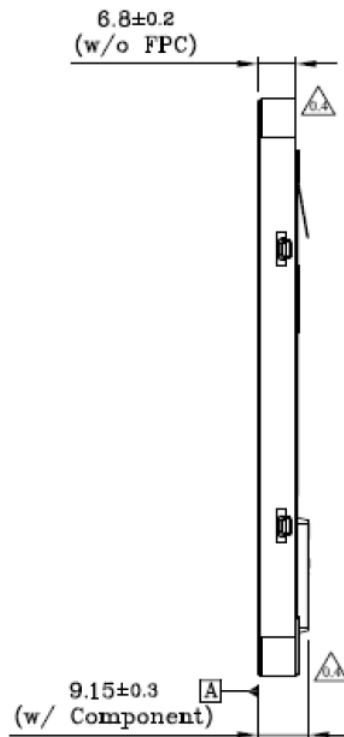
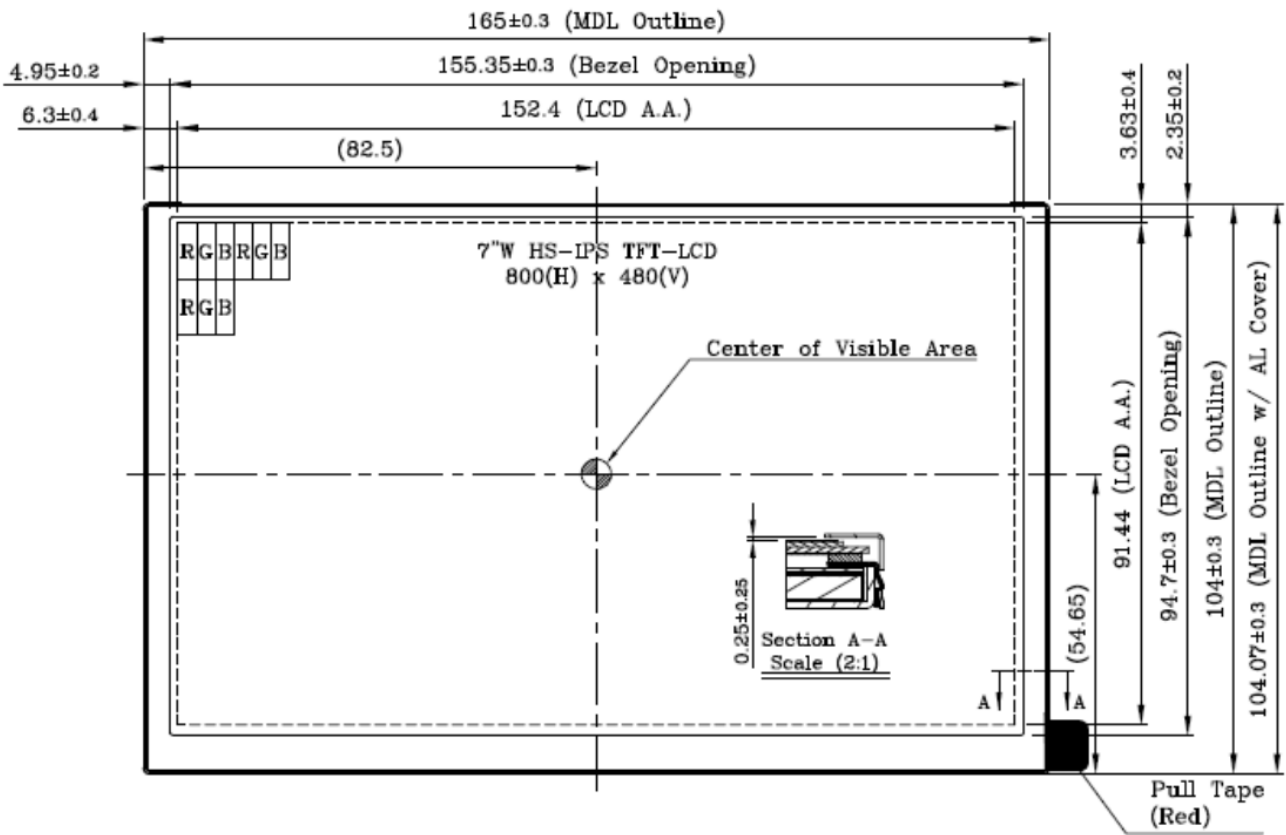
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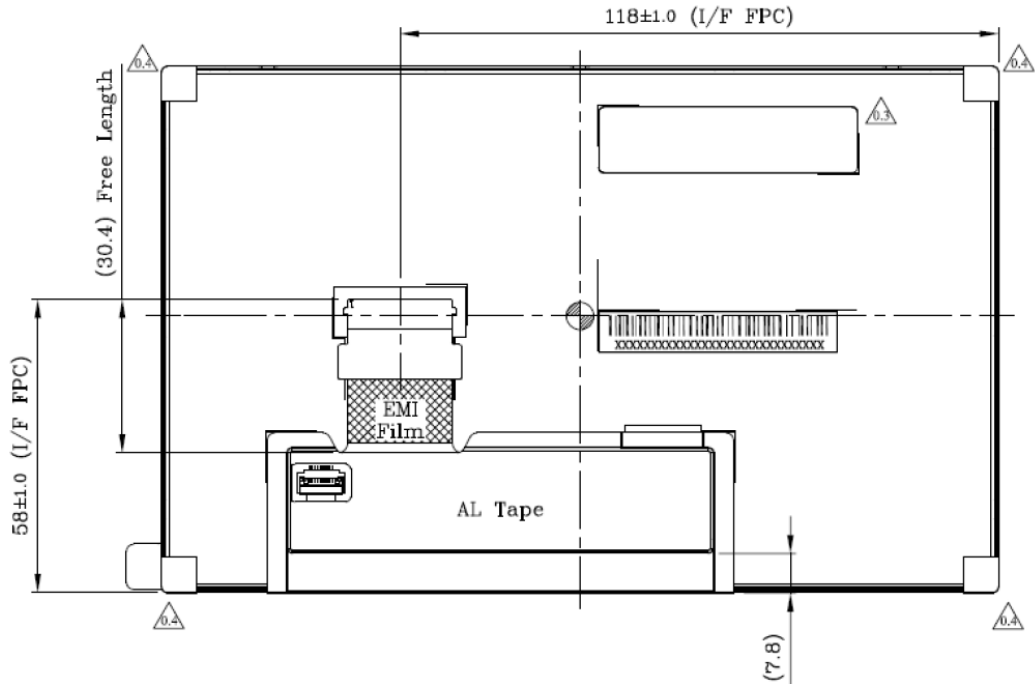


Mechanical Drawing

Outline Dimensions

Unit:mm





Notes :
General tolerance: $\pm 0.3\text{mm}$

Ordering Information

Part Number	Description
ULF0705-HYN-A11	7",1000nits,800x480,T4085,w/LVDS&LID converter board,10in1,V1
ULH0705-HYN-T11	7",1000nits,800x480,T4085,w/LVDS&LID converter board,AD68862HP,DC12V,10in1,V1

Optional Accessories

Part Number	Description
840612051212	ADAPTER,AC/DC,12V/5A,60W,Power-Din-4P,CWT,G99-ABF060F-N022,Efficiency-level-6,R
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

Customer request

Touch	SCT (Single-Touch), PCT (Multi-Touch)
Glass	Tempered glass, AR coating.....