



## DPF5501-LNN

### 55" TFT LCD, 4000 nits LED Backlight, 1920x1080

The DPF5501-LNN is a 55 inch industrial grade sunlight readable LCD, with high brightness 4000 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 4000 nits
- Sunlight Readable
- Resolutions: 1920 x 1080
- Wide Viewing Angle of 178°(H),178°(V)
- LCD Blackening Defect Free (H-Tni 110 °C)
- Low Power Consumption
- BL MTBF: 100,000 hours



### Specifications

<b>Model Name</b>	<b>DPF5501-LNN</b>
<b>Description</b>	55" TFT LCD, 4000 nits LED Backlight, 1920x1080
<b>Screen Size</b>	55"
<b>Display Area (mm)</b>	1209.6(H) x 680.4(V)
<b>Brightness (Typ.)</b>	4000 cd/m <sup>2</sup>
<b>Resolution</b>	1920x1080
<b>Aspect Ratio</b>	16 : 9
<b>Contrast Ratio</b>	1600 : 1
<b>Pixel Pitch (mm)</b>	0.630(H) x 0.630(V)
<b>Pixel Per Inch (PPI)</b>	40
<b>Viewing Angle</b>	178°(H),178°(V)
<b>Color Saturation (NTSC)</b>	80%
<b>Display Colors</b>	16.7M
<b>Response Time (Typical)</b>	9ms
<b>Panel Interface</b>	LVDS
<b>Panel Input Power</b>	DC12V
<b>BL Input Power</b>	DC24V
<b>Power Consumption</b>	233W
<b>Dimensions (mm)</b>	1236.5 x 707.5 x 56.1 mm
<b>Bezel Size(U/B/L/R)</b>	13.55/13.551/13.45/13.45 mm
<b>Weight (Net)</b>	18.3kg
<b>Operating Temperature</b>	0 °C ~ 50 °C
<b>Storage Temperature</b>	-20 °C ~ 60 °C

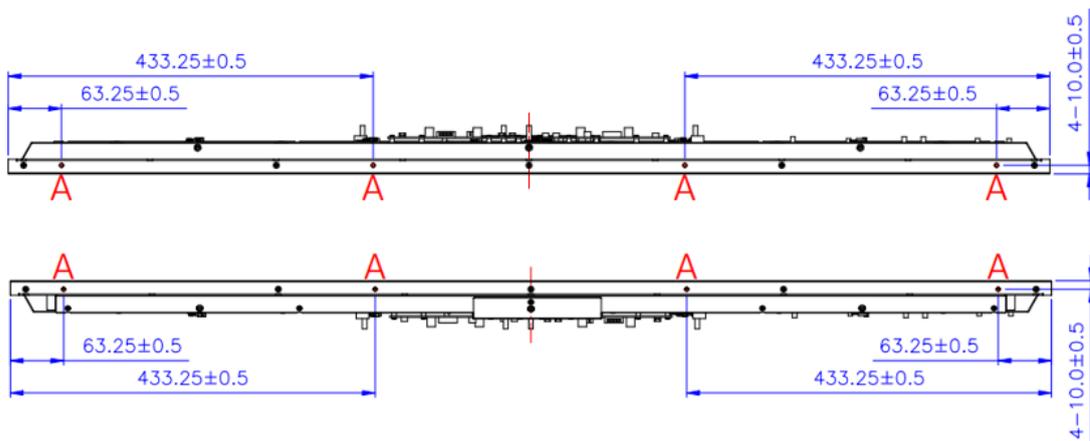
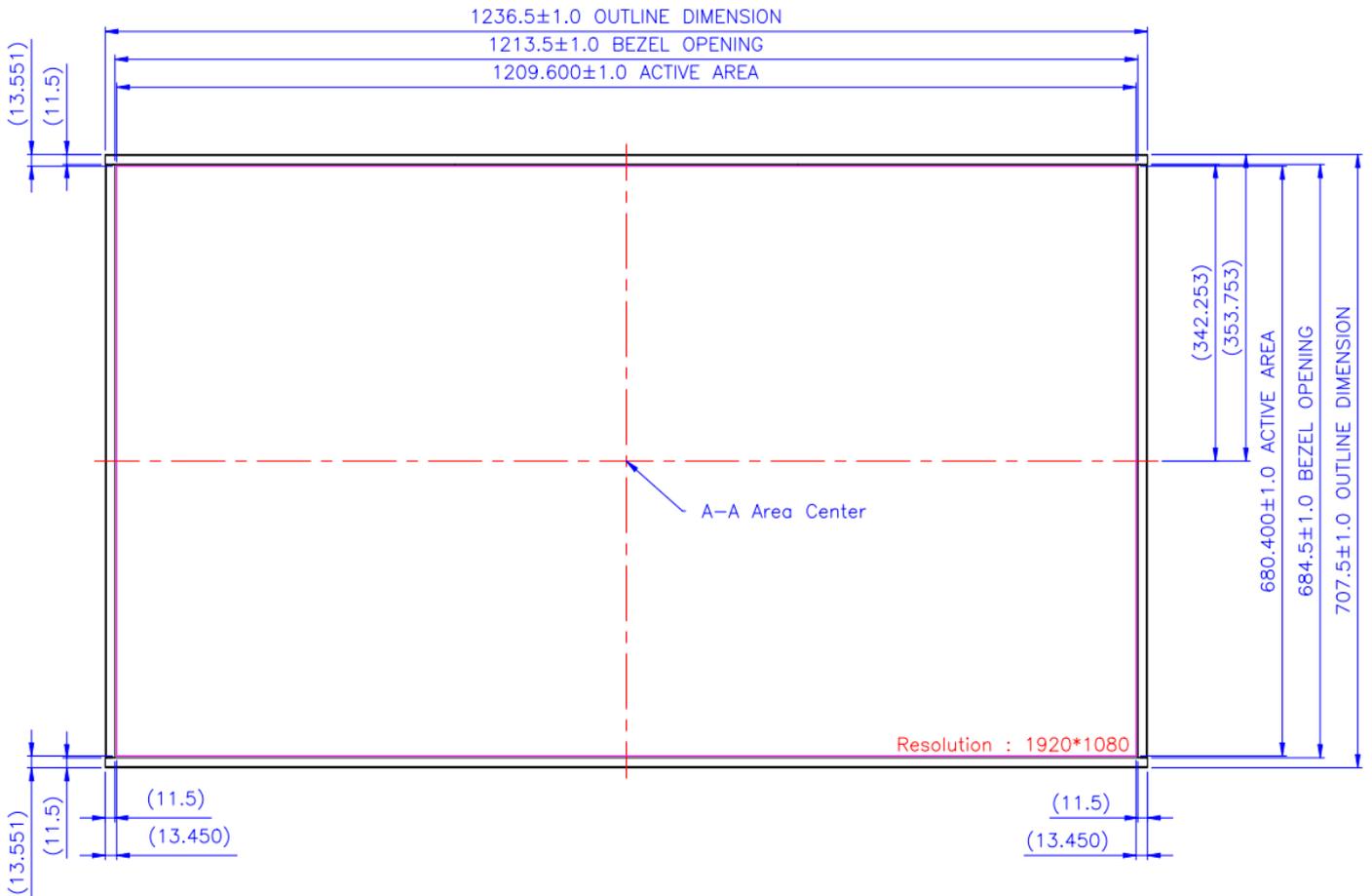
DPF= Panel + LED Driving Board



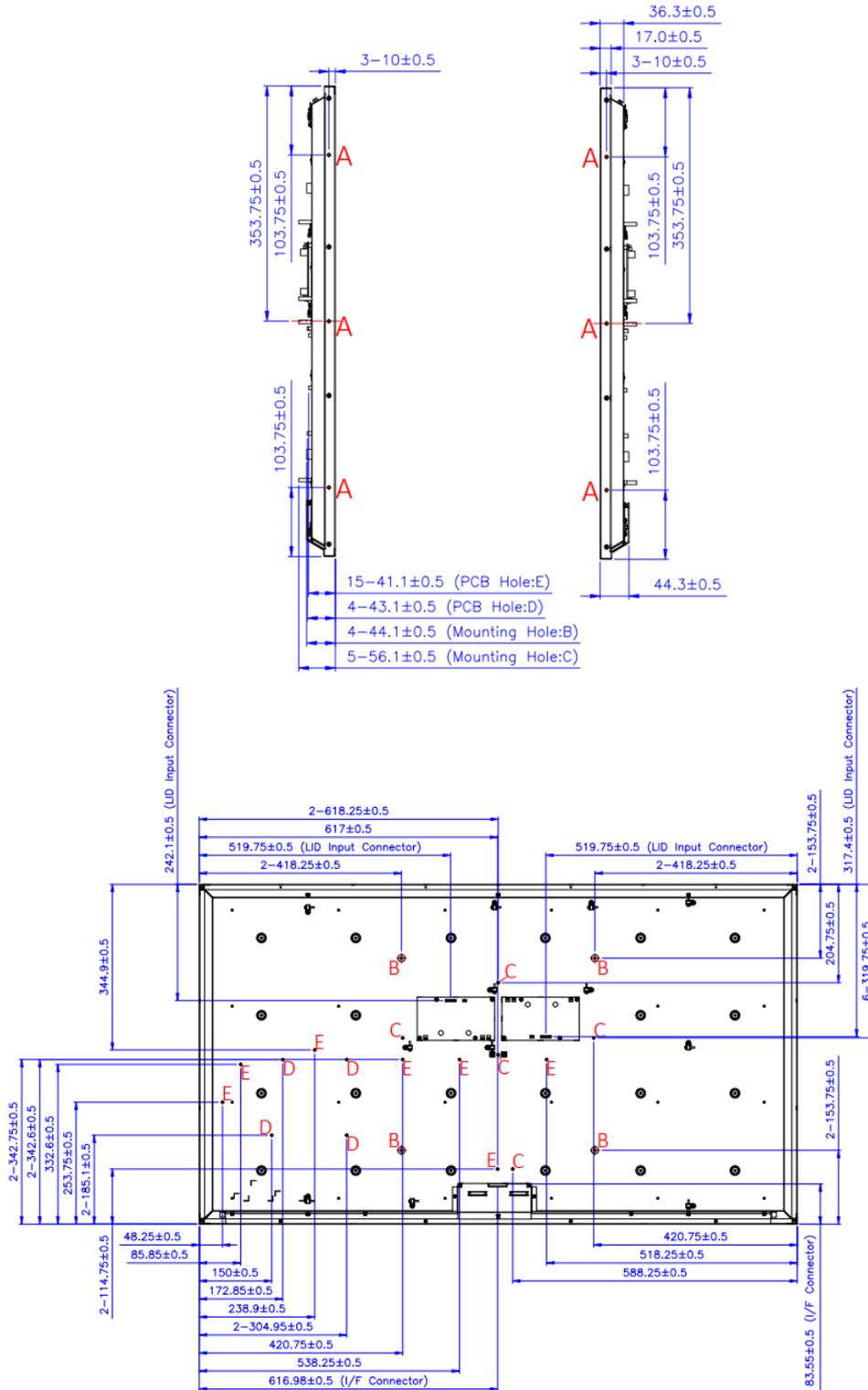
## Mechanical Drawing

### Outline Dimensions

Unit: mm



A M4 MOUNTING HOLE (14X), DP=6.0mm MAX, TORQUE=8.0kgf-cm MAX



B	M6 MOUNTING HOLE (4X), DP=6.0mm MAX, TORQUE=25.0kgf-cm MAX
C	M3 MOUNTING HOLE (5X), DP=10.0mm MAX, TORQUE=5.0kgf-cm MAX
D	M3 PCB HOLE (4X), DP=4.5mm MAX, TORQUE=5.0kgf-cm MAX
E	M3 PCB HOLE (7X), DP=3.5mm MAX, TORQUE=5.0kgf-cm MAX

Note:

- 1.Resolution:1920x1080
- 2."( )" marks the reference dimension.
- 3.M3 max torque:5kgf-cm



### Ordering Information

Part Number	Description
DPF5501-LNN-A02	55",4000nits,1920x1080,LID55B,4in1,V2

### Optional Accessories

Part Number	Description
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	Pcap (Multi-Touch)
Glass	Tempered glass, AR coating.....