



## SSF2312-Y V1

### 23.1" TFT LCD, LED backlight 350 nits, 1920 x158

The SSF2312-Y is a 23.1 inch color TFT-LCD display with brightness 350nits and special resolution 1920 x 158. It is Litemax's Spanpixel series product which designed for high brightness with power efficiency LED backlight. It provides LCD panel with specific aspect ratios and sunlight readable for digital signage, public transportation, exhibition hall, department store, and vending machine.

#### Key Features

- Ultra-Wide Screen (16: 1.3)
- Brightness 350 nits
- LED Backlight
- Wide viewing angle 178°(H)~178°(V)
- Low Power Consumption



### Specifications

<b>Model Name</b>	<b>SSF2312-Y V1</b>
<b>Description</b>	23.1" Resizing LCD, 350nits LED backlight, 1920x158
<b>Screen Size</b>	23.1"
<b>Display Area (mm)</b>	585.6(H) x 48.19(V)
<b>Brightness</b>	350 cd/m <sup>2</sup>
<b>Resolution</b>	1920x158
<b>Aspect Ratio</b>	16 : 1.3
<b>Contrast Ratio</b>	3000:1
<b>Pixel Pitch (mm)</b>	0.305(H) x 0.305(V)
<b>Pixel Per Inch (PPI)</b>	83
<b>Viewing Angle</b>	178°(H),178°(V)
<b>Color Saturation (NTSC)</b>	72%
<b>Display Colors</b>	16.7M
<b>Response Time (Typical)</b>	9.5ms
<b>Video Input Interface</b>	LVDS
<b>Input Power</b>	DC12V
<b>Power Consumption</b>	8.8W
<b>Dimensions (mm)</b>	597.4x 60.4 x 15
<b>Bezel Size(U/B/L/R)</b>	5.2/5.2/4.1/5.7 mm
<b>Weight (Net)</b>	0.44kg
<b>Operating Temperature</b>	0 °C ~ 45 °C
<b>Storage Temperature</b>	-20 °C ~ 60 °C

**SSF** = Panel + LED Driving Board

*Specifications are subject to change without notice.*

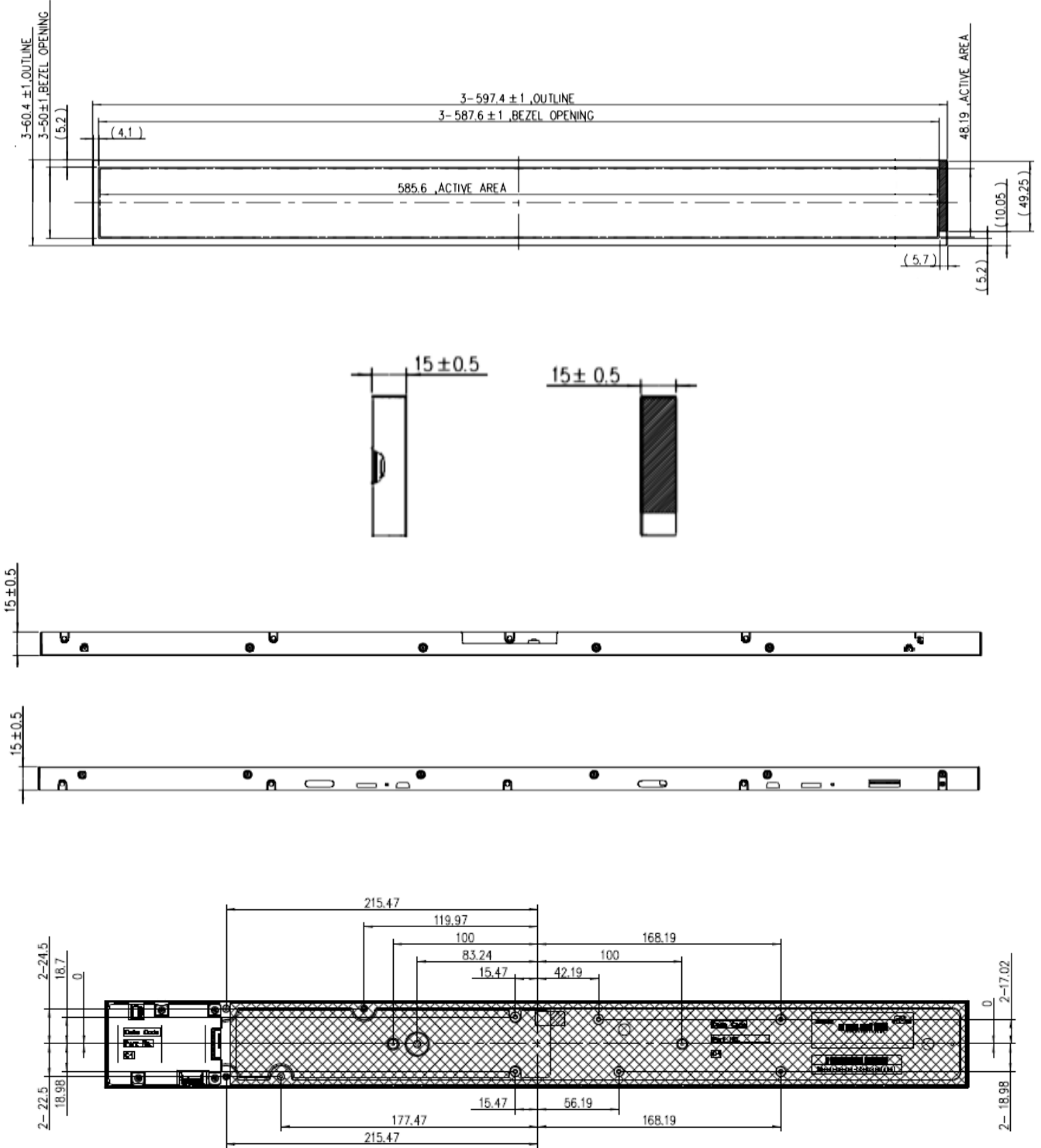


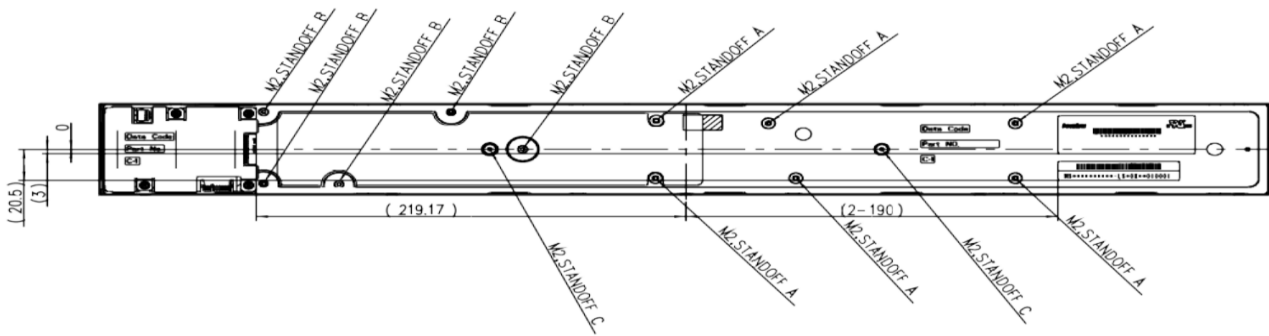
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## Mechanical Drawing

### Outline Dimensions

Unit:mm





**NOTES:**

1. UNLESS OTHERWISE SPECIFY TOLERANCE IS  $\pm 1.0\text{mm}$ .
2. SYSTEM INTEGRATION COMPANY MUST KEEP MODULE UP AND DOWN DIRECTION ON THE DRAWING TO DESIGN TV SET.
3. : SUGGEST MOUNTING AREA POSITION, NO MARK AREA CAN'T BE CLIPPED.
4. : COF POSITION (SI MECHANICAL STRUCTURE SHOULD NOT TOUCH THE POSITIONS OF COF)
5. STANDOFF TYPE :  
 STANDOFF A: M2, PITCH=0.4/MACHINE, MAX. TORQUE=3 KGF-CM, MAX. DEPTH=1.5mm.  
 STANDOFF B: M2, PITCH=0.4/MACHINE, MAX. TORQUE=3 KGF-CM, MAX. DEPTH=2.4mm.  
 STANDOFF C: M2, PITCH=0.4/MACHINE, MAX. TORQUE=3 KGF-CM, MAX. DEPTH=4.6mm.
6. THE WIRE AND FFC CABLES OF THE SYSTEM INTEGRATION COMPANY CAN'T OVERLAP THE SCREW HOLES OF THE REAR COVER.
7. THE WIRE AND FFC CABLES OF THE SYSTEM INTEGRATION COMPANY CAN'T BE UNDER THE POWER PCBA.
8. SURFACE TREATMENT  
 BEZEL: COLOR: BLACK  
 GLOSS: G10

**Ordering Information**

Part Number	Description
SSF2312-YNN-A01	23.1",350nits,1920x158,LID on LCM,10in1,V1

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