



## SSF/SSH1505-E V2

### 15" Resizing LCD, 1000 nits LED backlight, 1280 x 242 ultra-wide aspect ratio 16:3

The SSF/SSH1505-E is a 15 inch color TFT-LCD display with special aspect ratio 16:3 and wide resolution 1280 x 242. It is Litemax's Spanpixel series product which designed for high brightness 1000 nits 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

- Resizing LCD
- Ultra Wide Screen (16 : 3)
- Sunlight Readable
- LED Backlight
- High Brightness 1000 nits
- Low Power Consumption
- High Uniformity (90%)
- Wide Dimming
- Slim Bezel
- Life Expectancy (70,000hrs)



#### Specifications

| Model Name              | SSF1505-E / SSH1505-E V2                                     |
|-------------------------|--------------------------------------------------------------|
| Description             | 15" Resizing LCD, 1000 nits LED backlight, 1280x242          |
| Screen Size             | 15"                                                          |
| Display Area (mm)       | 376.32(H) x 71.12(V)                                         |
| Brightness              | 1000 cd/m <sup>2</sup>                                       |
| Resolution              | 1280x242                                                     |
| Aspect Ratio            | 16 : 3                                                       |
| Contrast Ratio          | 1350 : 1                                                     |
| Pixel Pitch (mm)        | 0.294(H) x 0.294(V)                                          |
| Pixel Per Inch (PPI)    | 87                                                           |
| Viewing Angle           | 170°(H), 160°(V)                                             |
| Color Saturation (NTSC) | 84%                                                          |
| Display Colors          | 16.7M                                                        |
| Response Time (Typical) | 5ms                                                          |
| Panel Interface         | LVDS                                                         |
| Video Interface         | VGA, DVI-D, HDMI                                             |
| Input Power             | DC12V                                                        |
| Power Consumption       | 4.8W (with AD Board 8.8W)                                    |
| OSD Key                 | 4 Keys (Power Switch, Menu, +, -)                            |
| OSD Control             | Brightness, Color, Contrast, Auto Turing, H/V Position...etc |
| Dimensions (mm)         | 396x 94.2 x 12.2                                             |
| Bezel Size(U/B/L/R)     | 11.5/11.5/9.9/9.9                                            |
| Weight (Net)            | 0.83 kg                                                      |
| Operating Temperature   | 0 °C ~ 50 °C                                                 |
| Storage Temperature     | -20 °C ~ 60 °C                                               |

SSF= Panel + LED Driving Board

SSH= Panel + LED Driving Board + AD Control Board

Specifications are subject to change without notice.

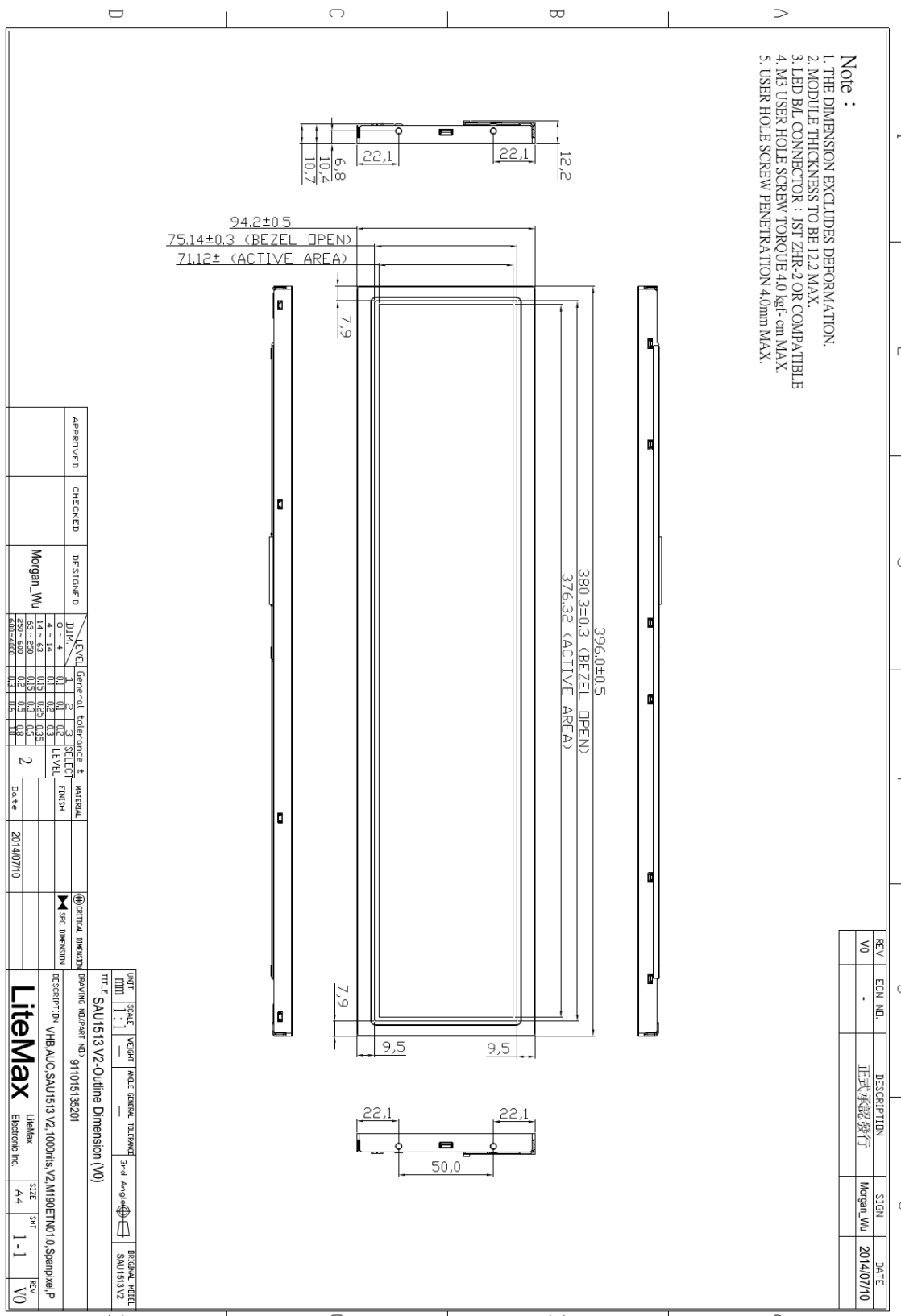
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## Mechanical Drawing

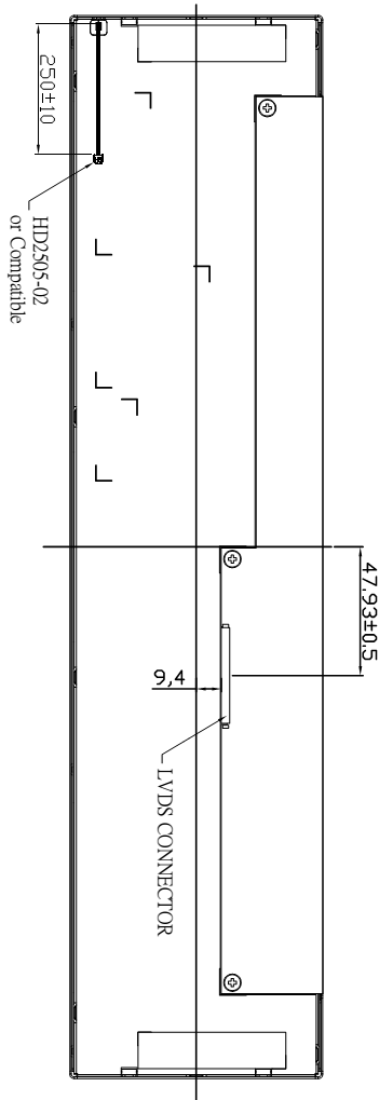
## Outline Dimensions

Unit: mm





- Note :**
1. THE DIMENSION EXCLUDES DEFORMATION.
  2. MODULE THICKNESS TO BE 12.2 MAX.
  3. LED B/L CONNECTOR : JST ZHR-2 OR COMPATIBLE
  4. M3 USER HOLE SCREW TORQUE 4.0 kgf·cm MAX.
  5. USER HOLE SCREW PENETRATION 4.0mm MAX.



|                 |         |           |                                                                |      |       |       |     |             |  |          |  |  |
|-----------------|---------|-----------|----------------------------------------------------------------|------|-------|-------|-----|-------------|--|----------|--|--|
| APPROVED        | CHECKED | DESIGNED  |                                                                |      |       |       |     |             |  |          |  |  |
|                 |         | Morgan_Wu |                                                                |      |       |       |     |             |  |          |  |  |
| LEVEL           |         |           | General tolerance ±                                            |      |       |       |     |             |  |          |  |  |
| DIM.            |         |           | 1                                                              | 2    | 3     | STILL |     |             |  | MATERIAL |  |  |
| 0 ~ 4           |         |           | 0.1                                                            | 0.1  | 0.2   |       |     |             |  | FINISH   |  |  |
| 4 ~ 14          |         |           | 0.1                                                            | 0.2  | 0.3   | LEVEL |     |             |  |          |  |  |
| 14 ~ 63         |         |           | 0.15                                                           | 0.25 | 0.35  |       |     |             |  |          |  |  |
| 63 ~ 250        |         |           | 0.15                                                           | 0.3  | 0.5   |       |     |             |  |          |  |  |
| 250 ~ 600       |         |           | 0.2                                                            | 0.5  | 0.8   |       |     |             |  |          |  |  |
| 600 ~ 1000      |         |           | 0.3                                                            | 0.6  | 1.0   |       |     |             |  |          |  |  |
|                 |         |           | 2                                                              |      |       | Do+te |     | 20/10/07/10 |  |          |  |  |
|                 |         |           |                                                                |      |       |       |     |             |  |          |  |  |
|                 |         |           | DRAWING NUMBER NO. 911015135201                                |      |       |       |     |             |  |          |  |  |
|                 |         |           | DESCRIPTION VHB,ALU,SAU1513 V2,1000nits,V2,M19ENT01.0,SpannleP |      |       |       |     |             |  |          |  |  |
| LibMax          |         |           | SIZE                                                           |      | SRT   |       | REV |             |  |          |  |  |
| Electronic Inc. |         |           | A-4                                                            |      | 1 - 1 |       | V0  |             |  |          |  |  |



### Ordering Information

| Part Number            | Description                                            |
|------------------------|--------------------------------------------------------|
| <b>SSF1505-ENN-A11</b> | 15", 1000nits, 1280x242, LID15A, V02                   |
| <b>SSH1505-ENN-Q11</b> | 15", 1000nits, 1280x242, LID15A, AD8891G-D, DC12V, V2  |
| <b>SSH1505-ENN-Q12</b> | 15", 1000nits, 1280x242, LID15A, AD8891G-DH, DC12V, 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                                                        |

### By Customer Request

|              |                                 |
|--------------|---------------------------------|
| <b>Glass</b> | Tempered glass, AR coating..... |
| <b>Touch</b> | PCT, SCT, Resistive.....        |