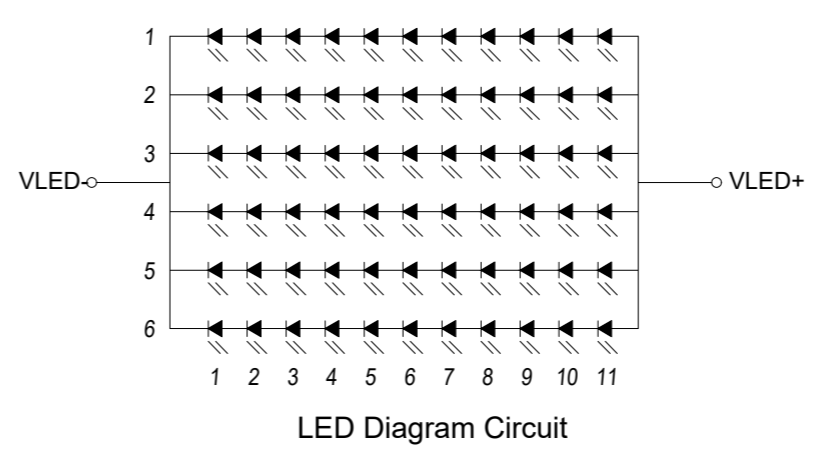
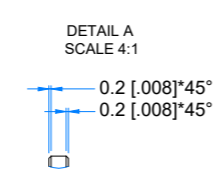
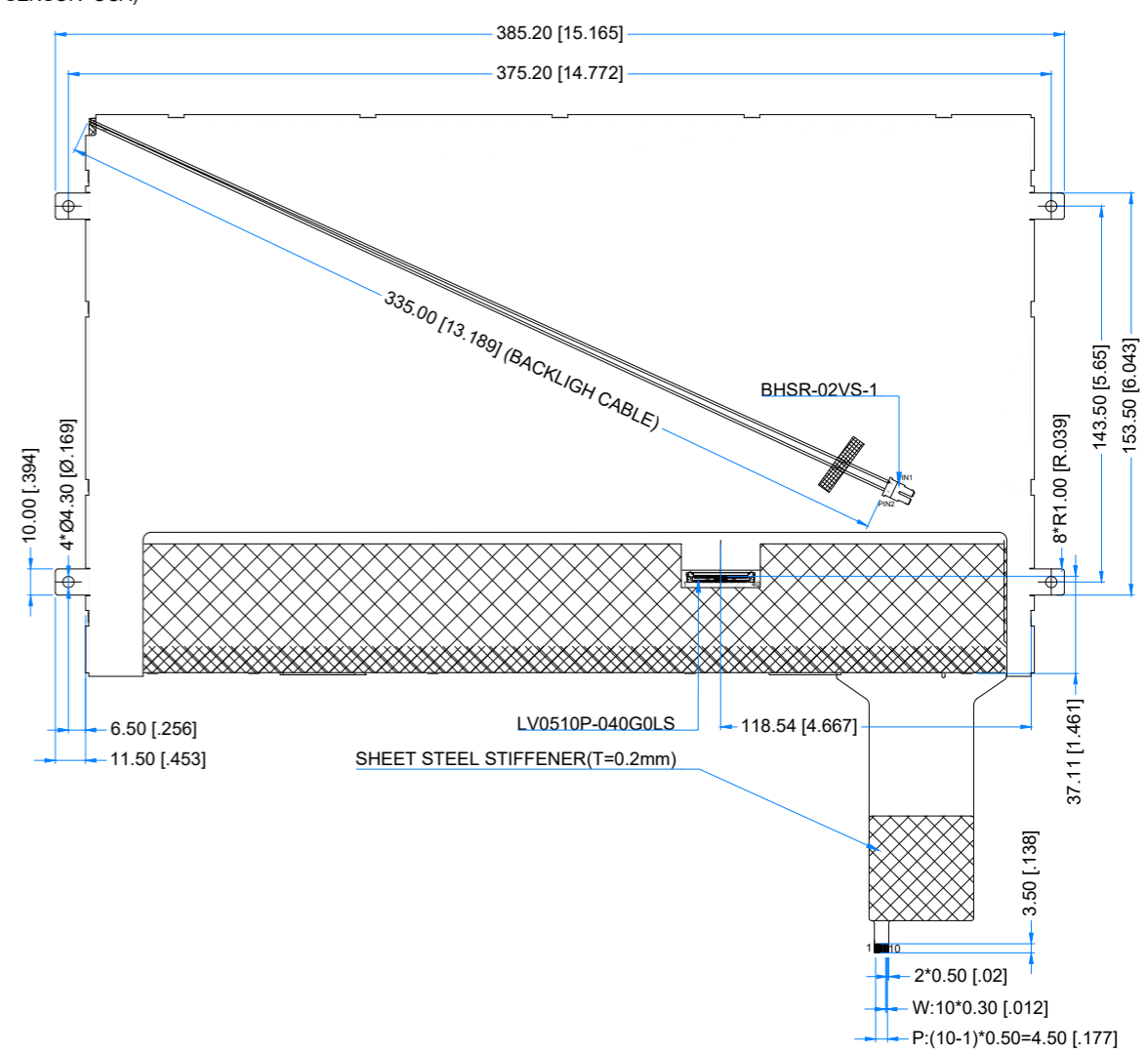
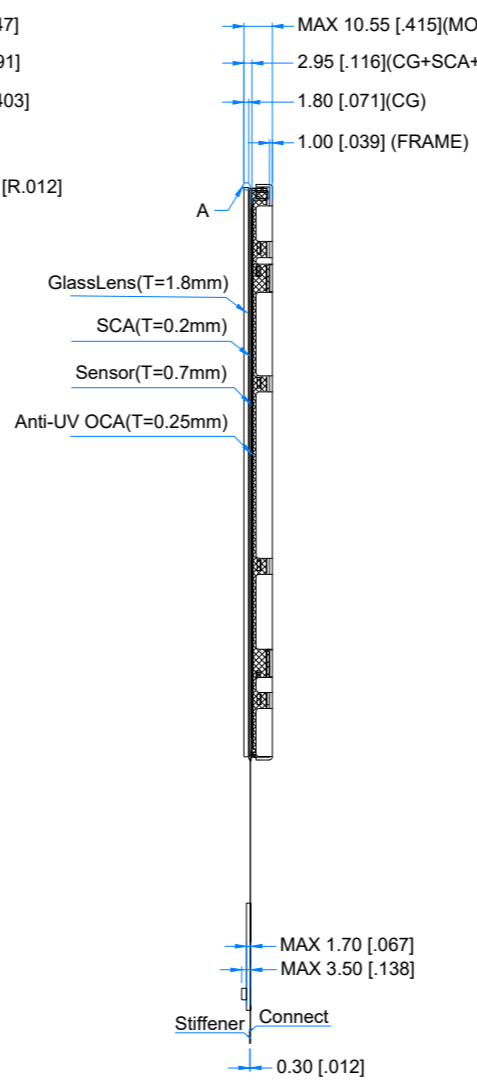
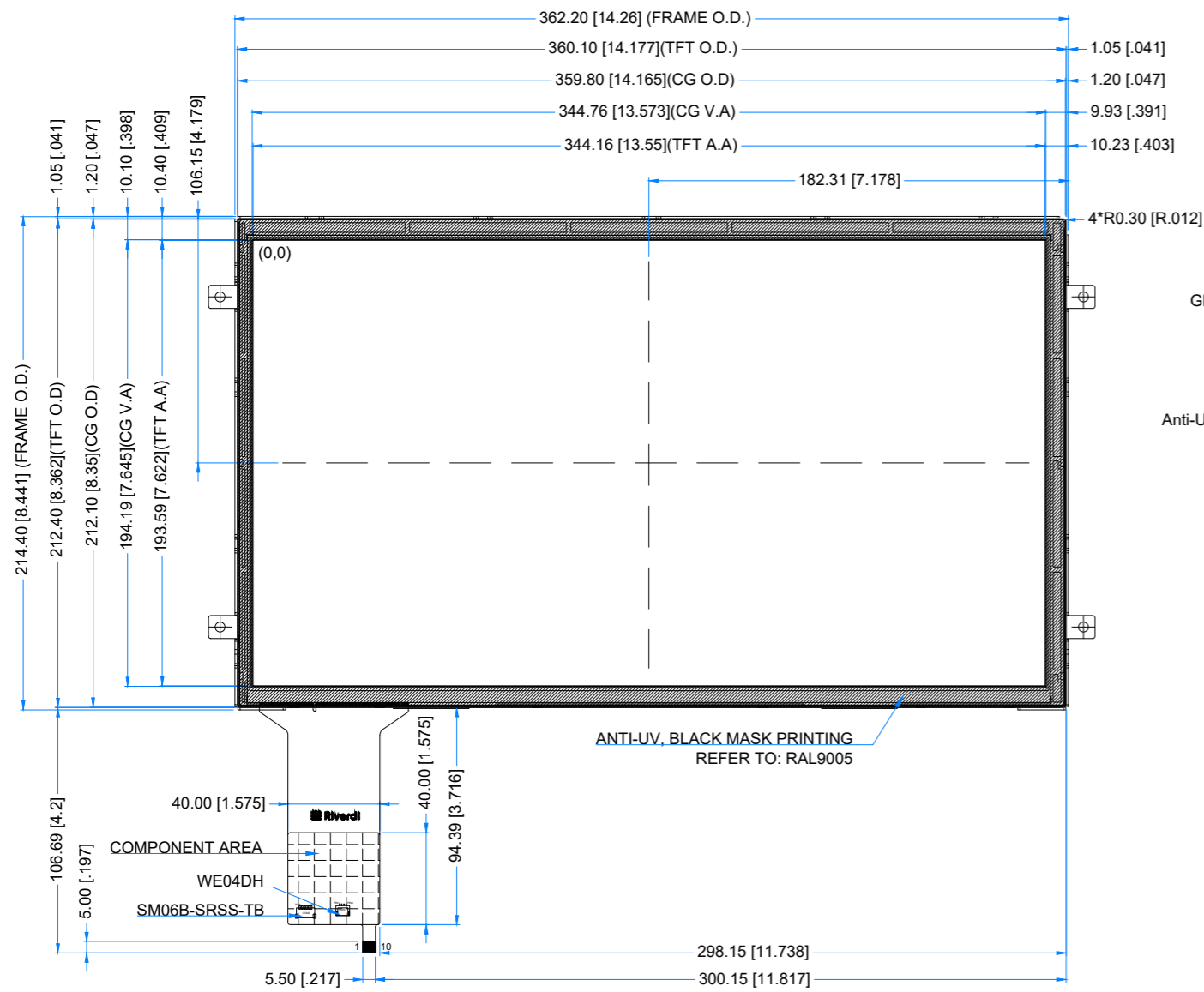


| Revision: | Changes:                    | Date:      |
|-----------|-----------------------------|------------|
| 1.0       | Initial Case                | 2025.05.13 |
| 1.1       | Changed LED Diagram Circuit | 2026.02.06 |



PINOUT ON THE 2ND PAGE

**TFT NOTES:**  
1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK  
2. RESOLUTION: 1920 x 1080  
3. VIEWING ANGLE: FREE  
4. DRIVING VOLTAGE: 3.3V  
5. BACKLIGHT: 66 PCS LEDS, Vf=32.0V(typ.), If=300mA

**TP NOTES:**  
1. TP STRUCTURE: G+G  
2. CG THICKNESS: 1.8mm  
3. DRIVER IC: ILI2510  
4. INTERFACE: USB, I2C  
5. OPERATING VOLTAGE: 3.3V(CTP\_I2C); 5.0V (CTP\_USB)

**GENERAL NOTES:**  
1. MODULE SURFACE LUMINANCE: 850 cd/m<sup>2</sup>  
2. OPTICAL BONDING  
3. OPERATING TEMPERATURE: -20°C ~ 70°C  
4. STORAGE TEMPERATURE: -30°C ~ 80°C  
5. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm  
6. RoHS COMPLIANT

|                        |            |        |  |
|------------------------|------------|--------|--|
| PN: RVT156HKLFWCA0-B   |            |        |  |
| SN:                    |            |        |  |
| DRAWN: M.Stabinski     | 2026.02.06 | 1:2.82 |  |
| CHECKED: M.Wierzbowski | 2026.02.06 | [mm]   |  |
| APPR: M.Wierzbowski    | 2026.02.06 | ISO A3 |  |



| LCD CONNECTOR |         |         |         |
|---------------|---------|---------|---------|
| Pin No.       | Desc.   | Pin No. | Desc.   |
| 1             | RX00-   | 21      | RXECLK- |
| 2             | RX00+   | 22      | RXECLK+ |
| 3             | RX01-   | 23      | GND     |
| 4             | RX01+   | 24      | RXE3-   |
| 5             | RX02-   | 25      | RXE3+   |
| 6             | RX02+   | 26      | GND     |
| 7             | GND     | 27      | LCD_VCC |
| 8             | RX0CLK- | 28      | LCD_VCC |
| 9             | RX0CLK+ | 29      | BIST    |
| 10            | GND     | 30      | NC      |
| 11            | RX03-   | 31      | NC      |
| 12            | RX03+   | 32      | NC      |
| 13            | GND     | 33      | NC      |
| 14            | RXE0-   | 34      | NC      |
| 15            | RXE0+   | 35      | NC      |
| 16            | RXE1-   | 36      | NC      |
| 17            | RXE1+   | 37      | NC      |
| 18            | RXE2-   | 38      | NC      |
| 19            | RXE2+   | 39      | NC      |
| 20            | GND     | 40      | NC      |

| BACKLIGHT CONNECTOR |       |
|---------------------|-------|
| Pin No.             | Desc. |
| 1                   | VLED+ |
| 2                   | VLED- |

| TOUCH PANEL CONNECTOR |               |
|-----------------------|---------------|
| Pin No.               | Desc.         |
| 1                     | USB_GND       |
| 2                     | USB_VDD(5.0V) |
| 3                     | USB_D-        |
| 4                     | USB_D+        |
| 5                     | I2C_GND       |
| 6                     | I2C_VDD(3.3V) |
| 7                     | I2C_RST       |
| 8                     | I2C_SCL       |
| 9                     | I2C_INT       |
| 10                    | I2C_SDA/TXD   |

| CN2     |               |
|---------|---------------|
| Pin No. | Desc.         |
| 1       | I2C_GND       |
| 2       | I2C_VDD(3.3V) |
| 3       | I2C_RST       |
| 4       | I2C_SCL       |
| 5       | I2C_INT       |
| 6       | I2C_SDA/TXD   |

| CN1     |               |
|---------|---------------|
| Pin No. | Desc.         |
| 1       | USB_VDD(5.0V) |
| 2       | USB_D-        |
| 3       | USB_D+        |
| 4       | USB_GND       |