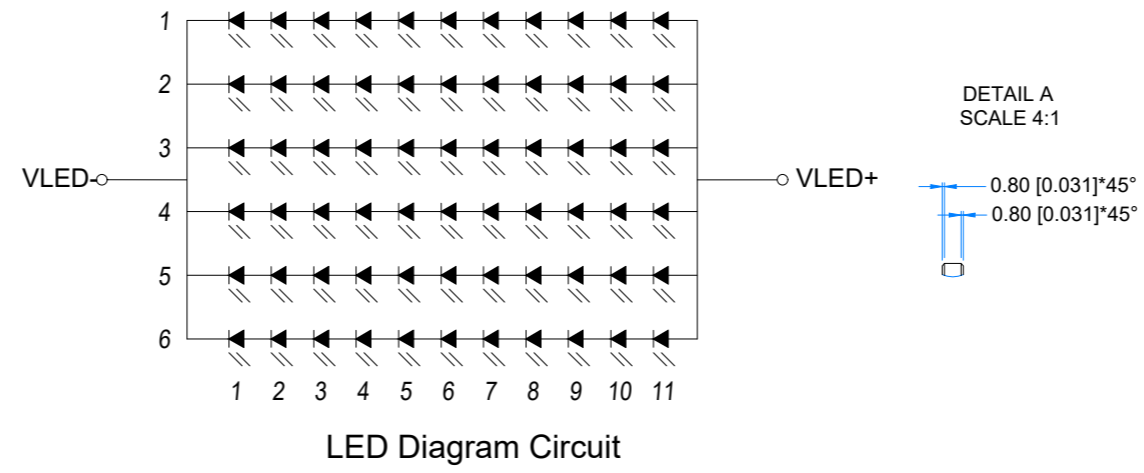
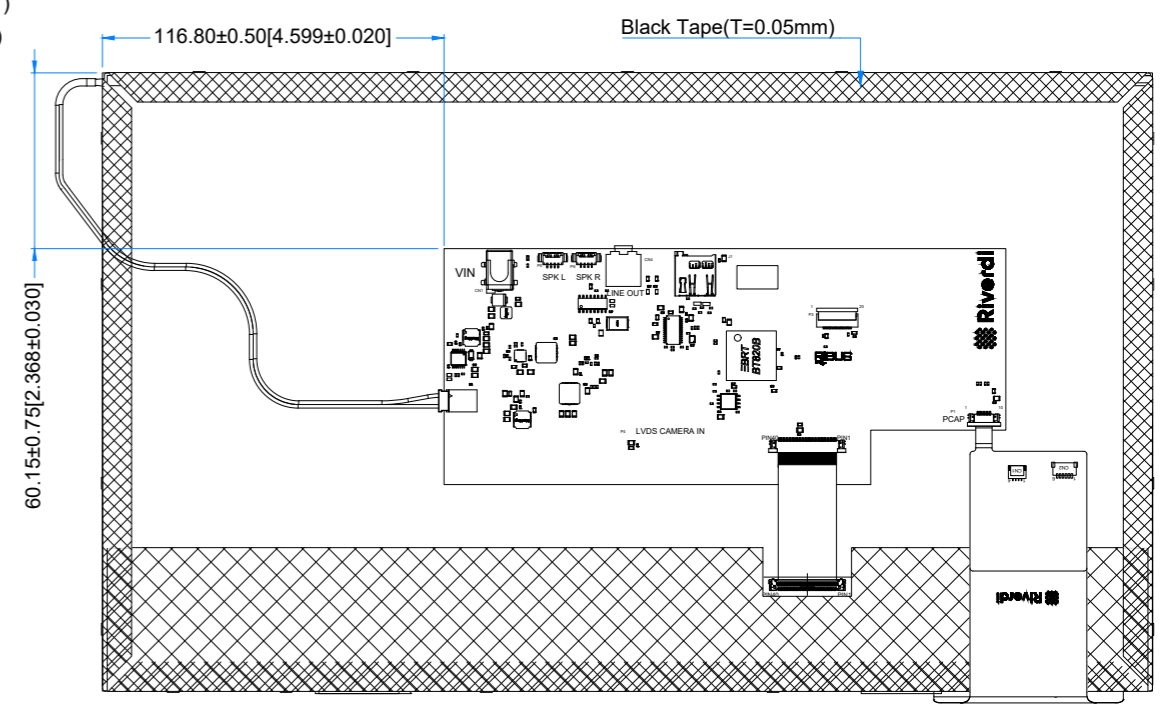
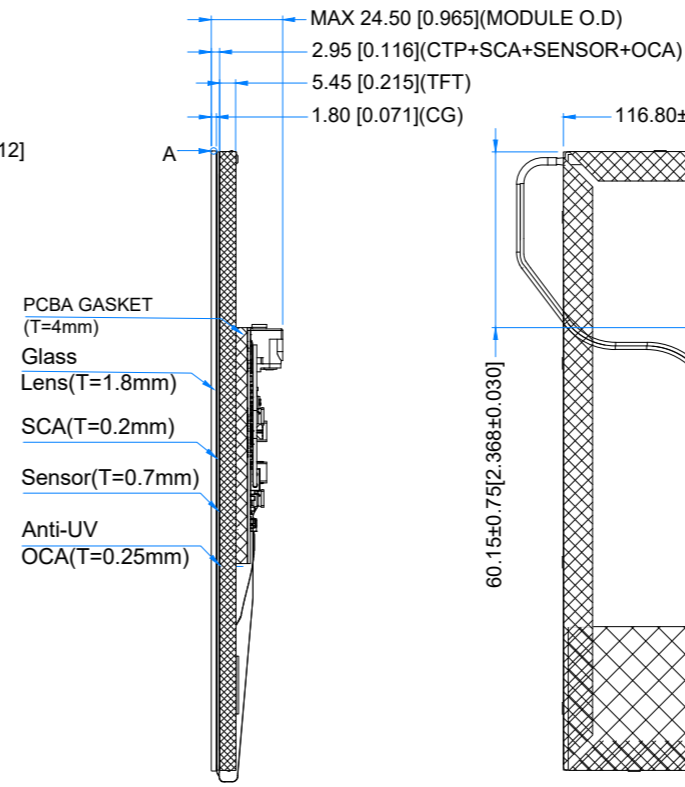
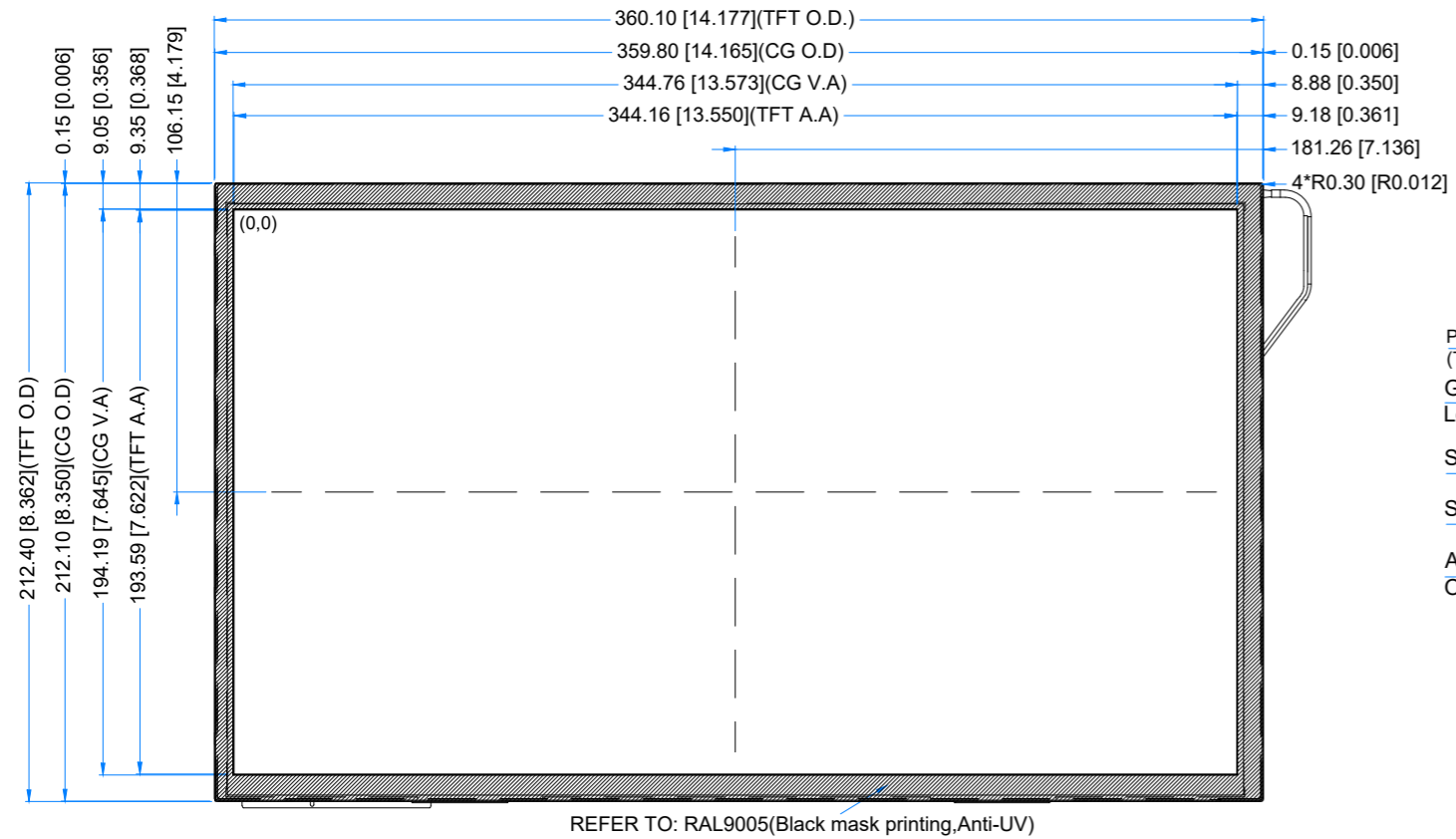


Revision:	Changes:	Date:
1.0	Initial Case	2025.07.04
1.1	Changed Position Of PCBA	2026.01.19
1.2	Deleted Sensor Dim, Updated Front View, Addition Of Cover Glass Detailed View	2026.05.14



PINOUT ON THE 2ND PAGE

**TFT NOTES:**

- LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- RESOLUTION: 1920 x 1080
- VIEWING ANGLE: FREE
- DRIVING IC ON THE BOARD: BT820B
- INTERFACE: SPI/QSPI
- DRIVING VOLTAGE: 6.0V

**TP NOTES:**

- TP STRUCTURE: G+G
- CG THICKNESS: 1.8mm
- DRIVER IC: ILI2510
- INTERFACE: I2C, USB
- OPERATING VOLTAGE: 3.3V(CTP\_I2C); 5.0V (CTP\_USB)

**GENERAL NOTES:**

- MODULE SURFACE LUMINANCE: 850 cd/m<sup>2</sup>
- OPTICAL BONDING
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm
- RoHS COMPLIANT

PN: RVT156HKBNWCA0-B			
SN:			
DRAWN: M.Stabinski	2026.05.14	1:2.59	
CHECKED: M.Wierzbowski	2026.05.14	[mm]	
APPR: M.Wierzbowski	2026.05.14	ISO A3	



LCD CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	-	11	GPIO.1/IO.2
2	GND	12	GPIO.2/IO.3
3	SPI_SCLK	13	NC
4	MISO/IO.1	14	NC
5	MOSI/IO.0	15	NC
6	CS	16	NC
7	INT	17	-
8	RST/PD	18	-
9	GPIO.0	19	BLGND
10	DISP_AUDIO	20	BLGND

