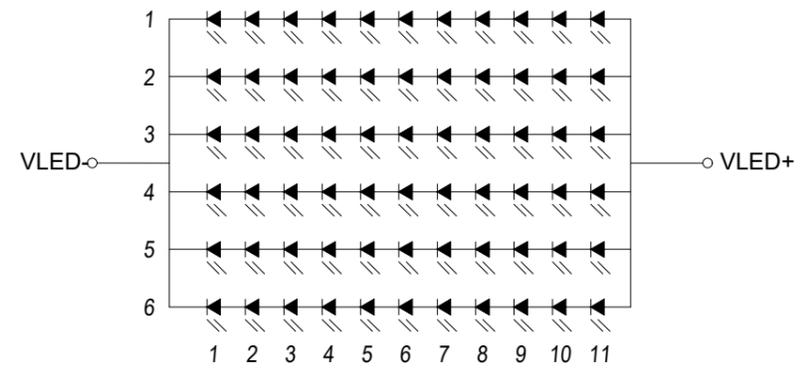
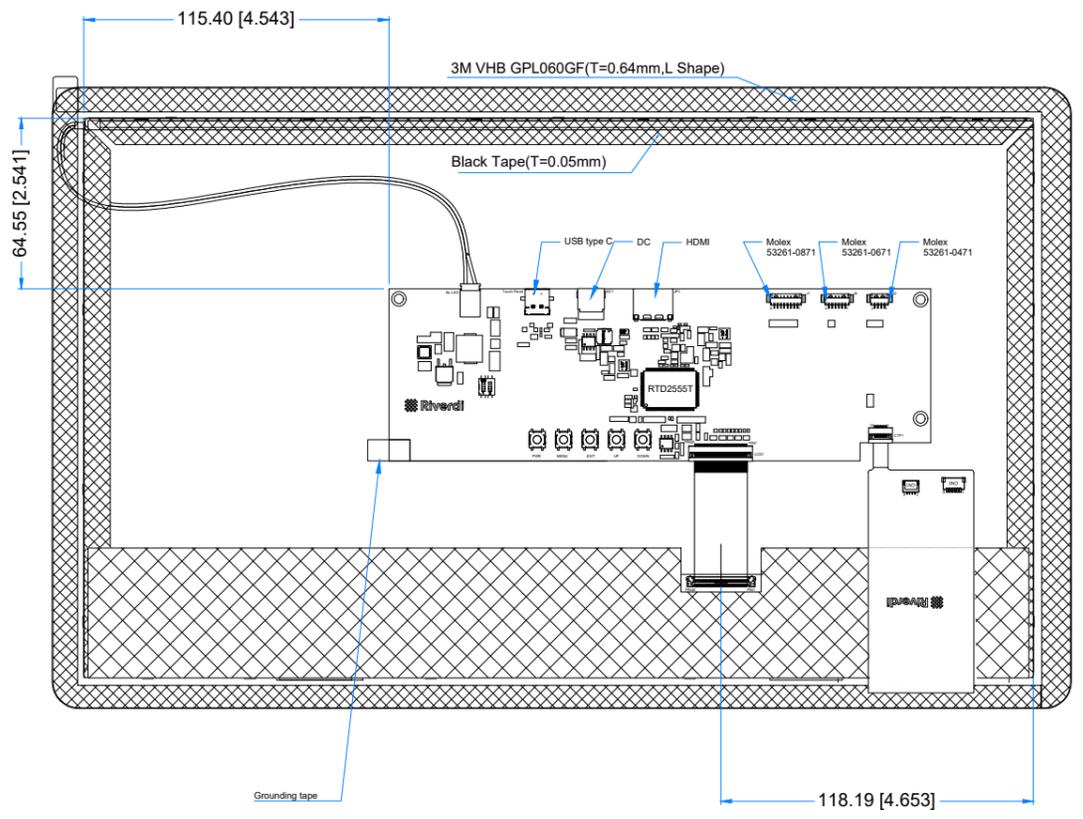
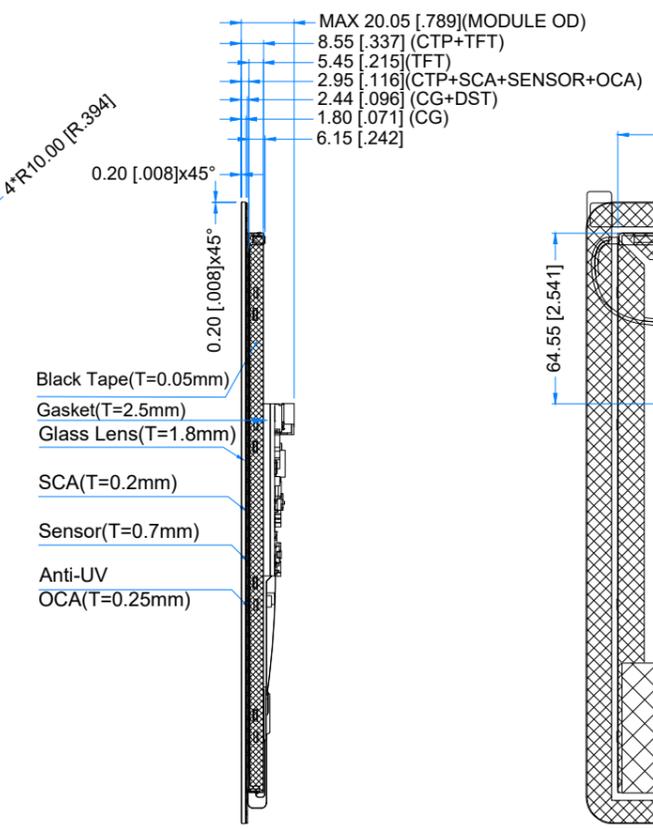
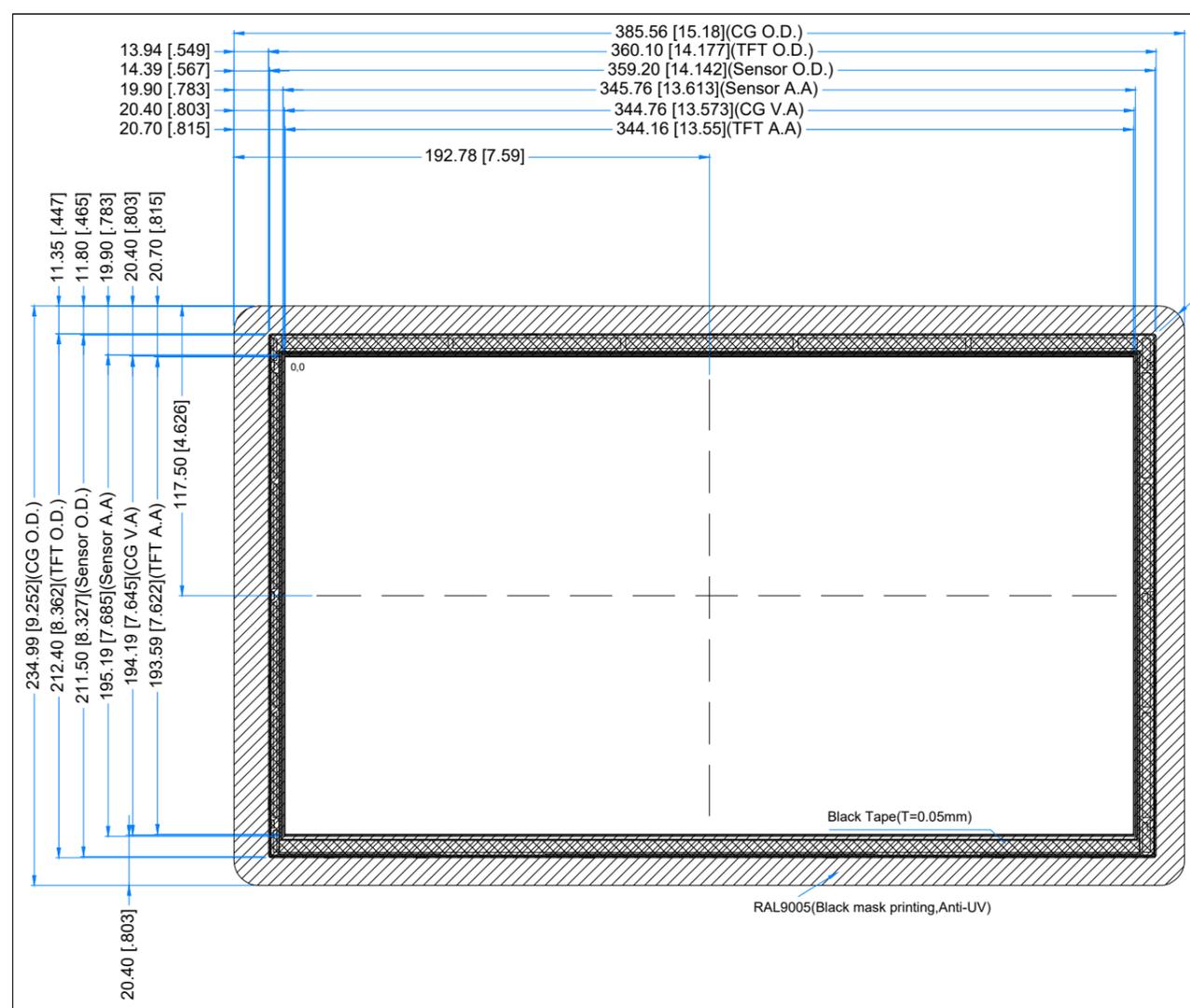


Revision:	Changes:	Date:
1.0	Initial Case	2025.09.02



LED Diagram Circuit

PINOUT ON THE 2ND PAGE

LCM NOTES:
 1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
 2. RESOLUTION: 1920x1080
 3. VIEWING ANGLE: FREE
 4. CONTROLLER IC OF MAIN BOARD: RTD2555T
 5. VIDEO INTERFACE: HDMI
 6. POWER SUPPLY: POWER JACK (6.0-27.0V)
 7. MODULE SURFACE LUMINANCE: 850cd/m²

TP NOTES:
 1. TP STRUCTURE: G+G
 2. CG THICKNESS: 1.8mm[0.071inch]
 3. SURFACE HARDNESS: 6H
 4. DRIVER IC: ILI2510
 5. INTERFACE: USB-C

GENERAL NOTES:
 1. OPERATING TEMPERATURE: -20°C ~ 70°C
 2. STORAGE TEMPERATURE: -30°C ~ 80°C
 3. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
 4. RoHS3 COMPLIANT

PN: RVT156HKHNWC00-B			
SN:			
DRAWN: M. Stabinski	2025.09.02	1:2.67	
CHECKED: M.Wierzbowski	2025.09.02	[mm]	
APPR:		ISO A3	



EXTERNAL KEYBOARD CONNECTOR - J1			
Pin No.	Desc.	Pin No.	Desc.
1	DOWN	2	UP
3	EXIT	4	MENU
5	PWR	6	LED_EN
7	GND	8	KEYBOARD VDD

BACKLIGHT PWM & POWER - J5			
Pin No.	Desc.	Pin No.	Desc.
1	GND	2	GND
3	EN	4	PWM
5	VDD	6	VDD