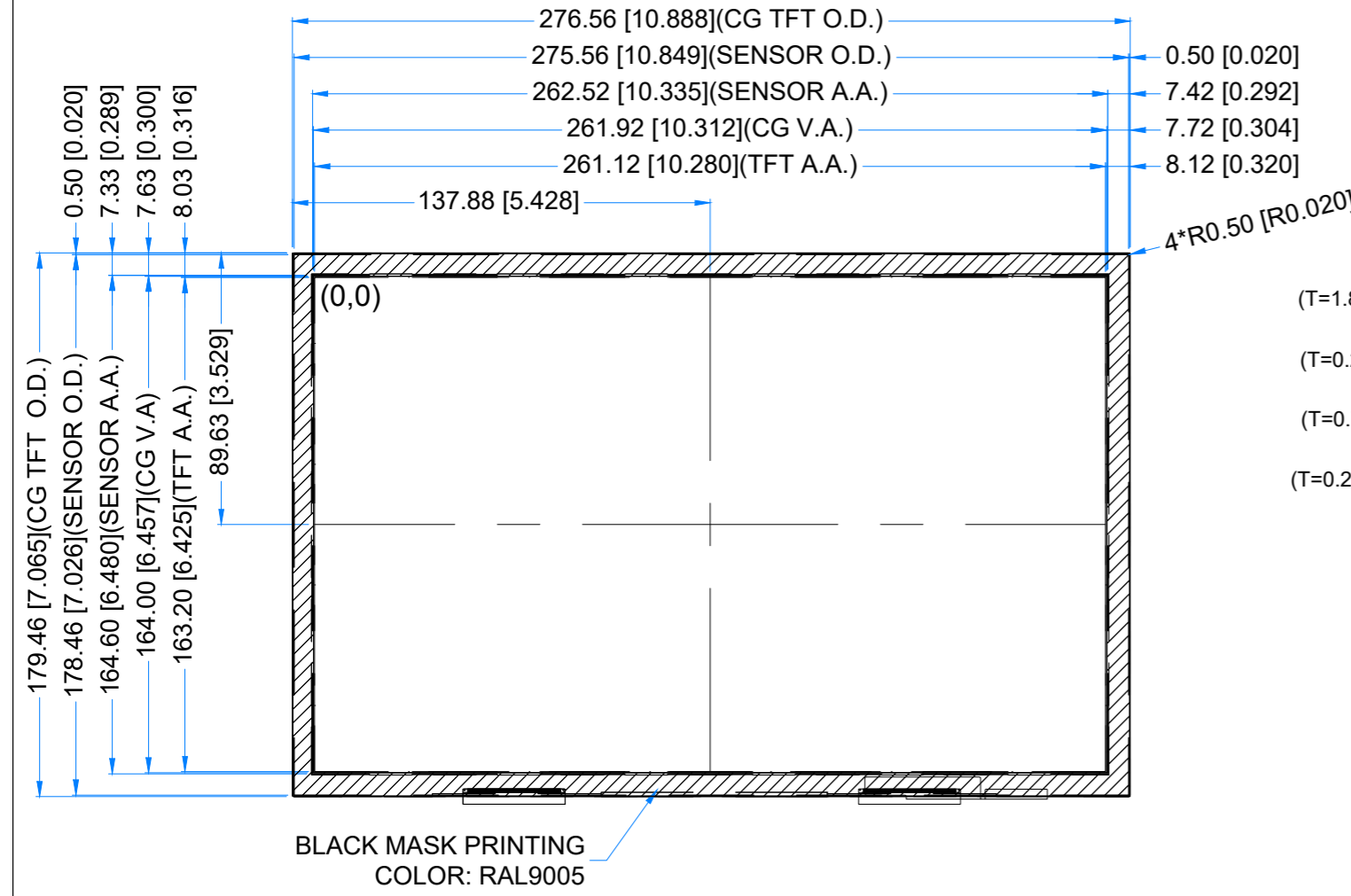
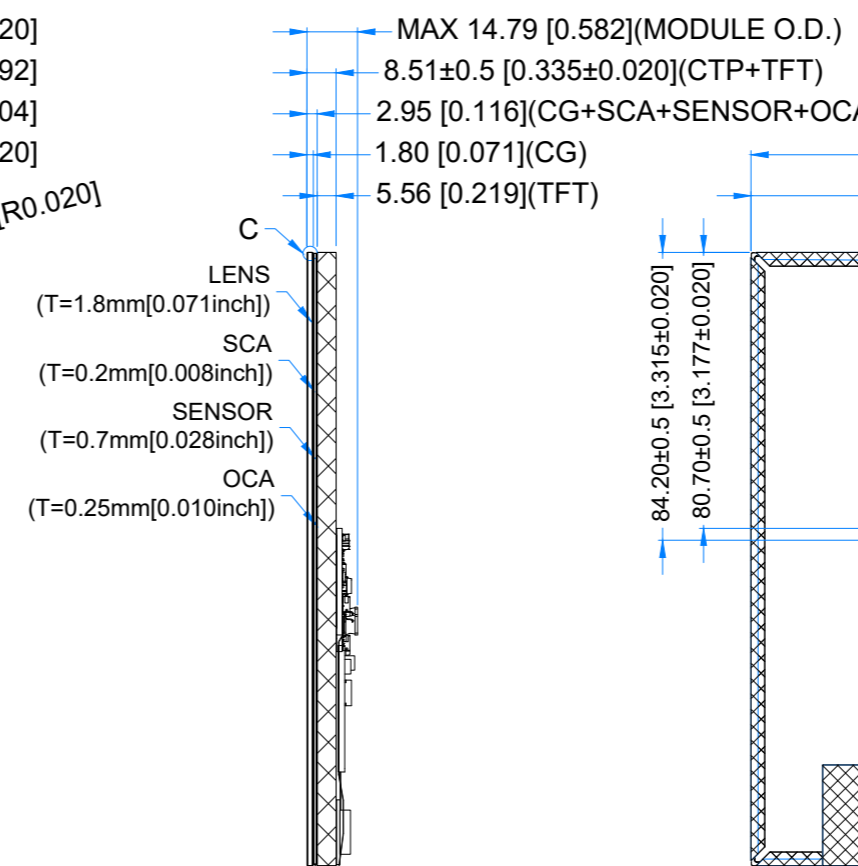


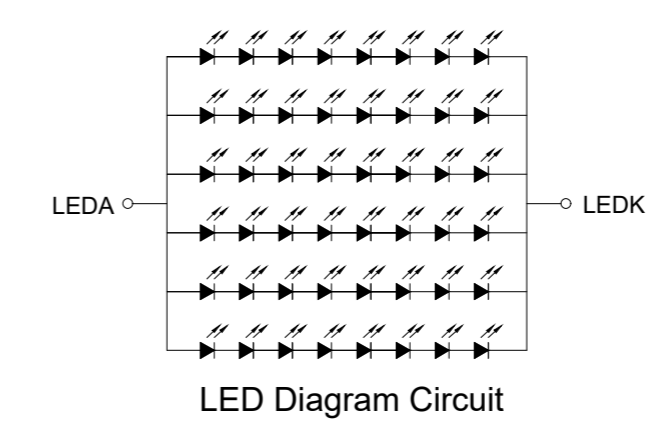
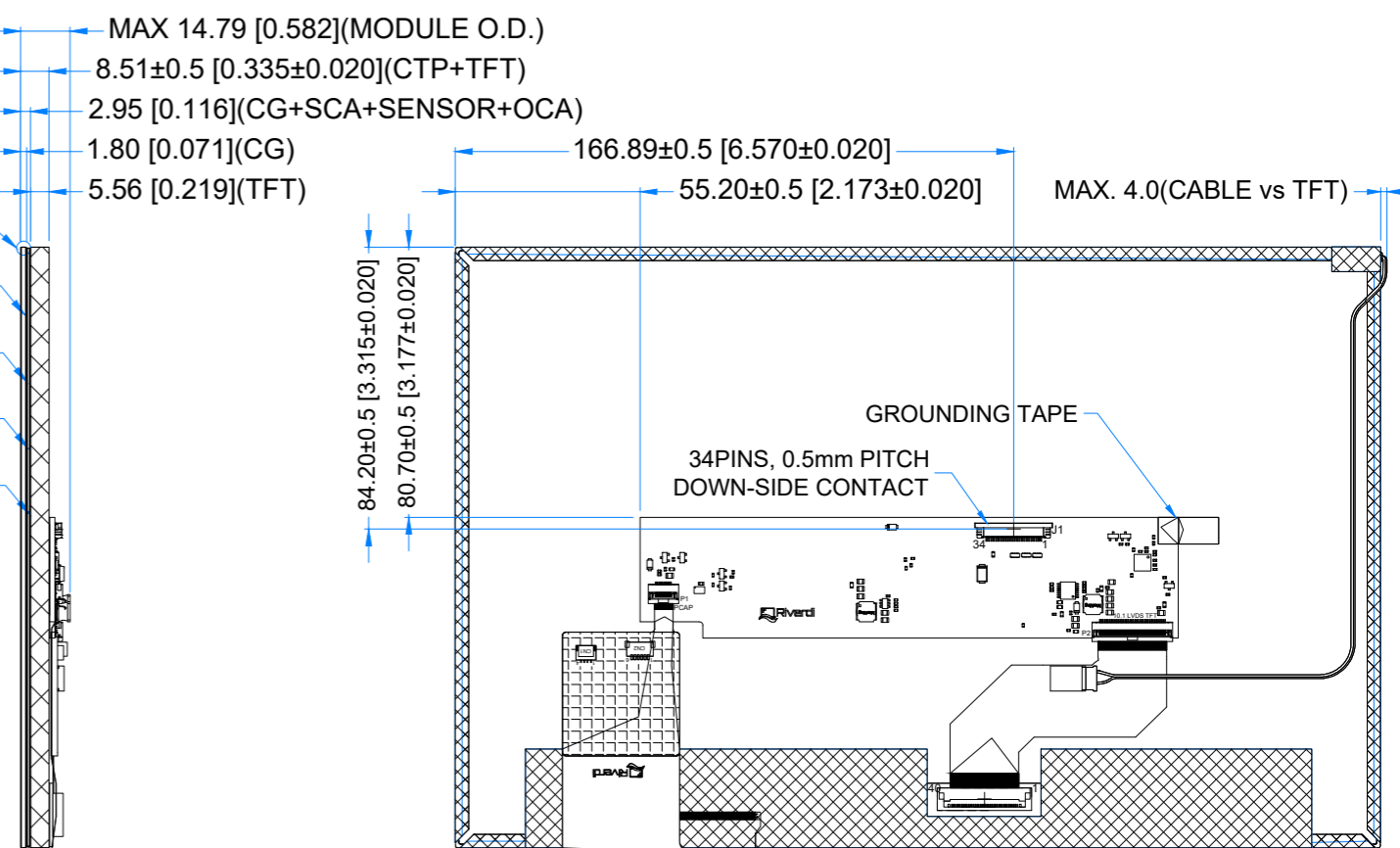
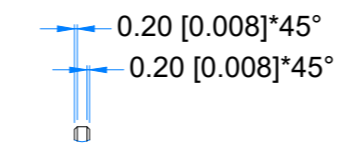
Revision:	Changes:	Date:
1.0	Initial Case	2024.12.03
1.1	Changed the dimension of the CG VA	2025.02.03



BLACK MASK PRINTING  
COLOR: RAL9005



DETAIL A  
SCALE 4:1



LED Diagram Circuit

PINOUT ON THE 2ND PAGE

**LCD NOTES:**  
1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS  
2. RESOLUTION: 1280x800  
3. VIEWING ANGLE: FREE  
4. DRIVING IC ON THE BOARD: SN65DSI83ZXHR  
5. INTERFACE: MIPI DSI  
6. SUPPLY VOLTAGE FOR MODULE: 5.0 V

**TP NOTES:**  
1. TP STRUCTURE: G+G  
2. CG THICKNESS: 1.8mm[0.071inch]  
3. SURFACE HARDNESS: 6H  
4. DRIVER IC: ILI2511  
5. INTERFACE: I2C

**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[0.012inch]  
6. RoHS3 COMPLIANT

PN: RVT121HVDNWCA0-B  
SN:  
DRAWN: M.Suchocki  
CHECKED: M.Wierzbowski  
APPR:

2025.02.03	1:2.21	
2025.02.03	[mm]	
ISO A3	P. 1 of 1	



J1 CONNECTOR			
Pin No.	Desc.	Pin No.	Desc.
1	GND	18	PWM
2	DSI_D0P	19	INT
3	DSI_D0N	20	I2C_SCL
4	GND	21	I2C_SDA
5	DSI_D1P	22	RESET
6	DSI_D1N	23	NC
7	GND	24	VREF
8	DSI_CLKP	25	NC
9	DSI_CLKN	26	5V
10	GND	27	5V
11	DSI_D2P	28	5V
12	DSI_D2N	29	5V
13	GND	30	GND
14	DSI_D3P	31	NC
15	DSI_D3P	32	NC
16	GND	33	NC
17	PWR_DN	34	NC