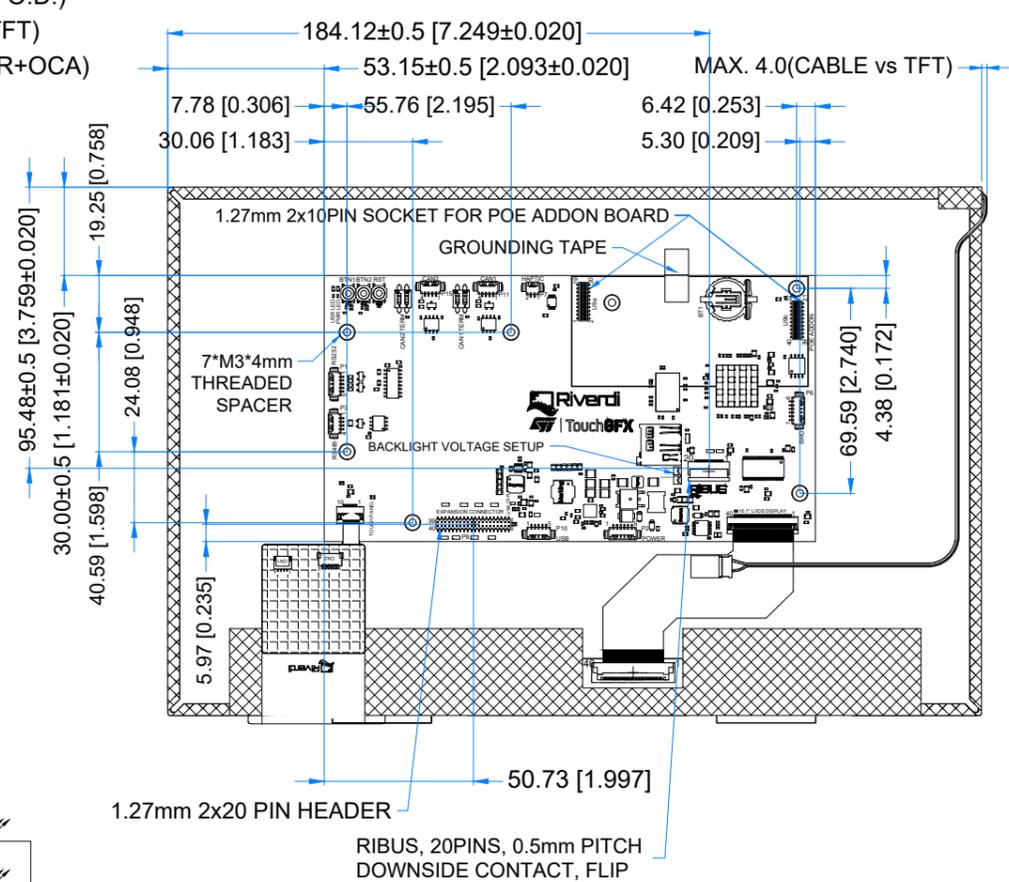
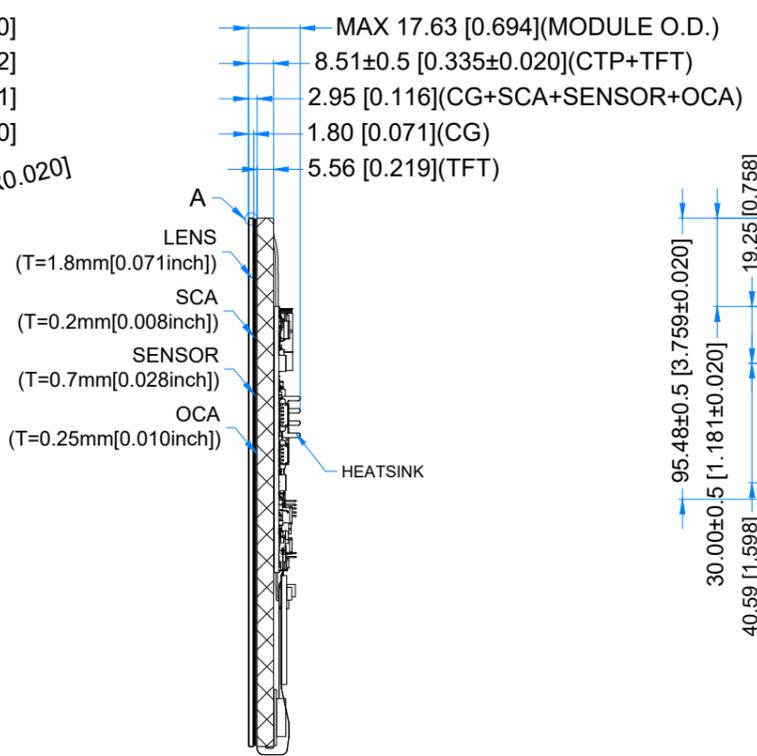
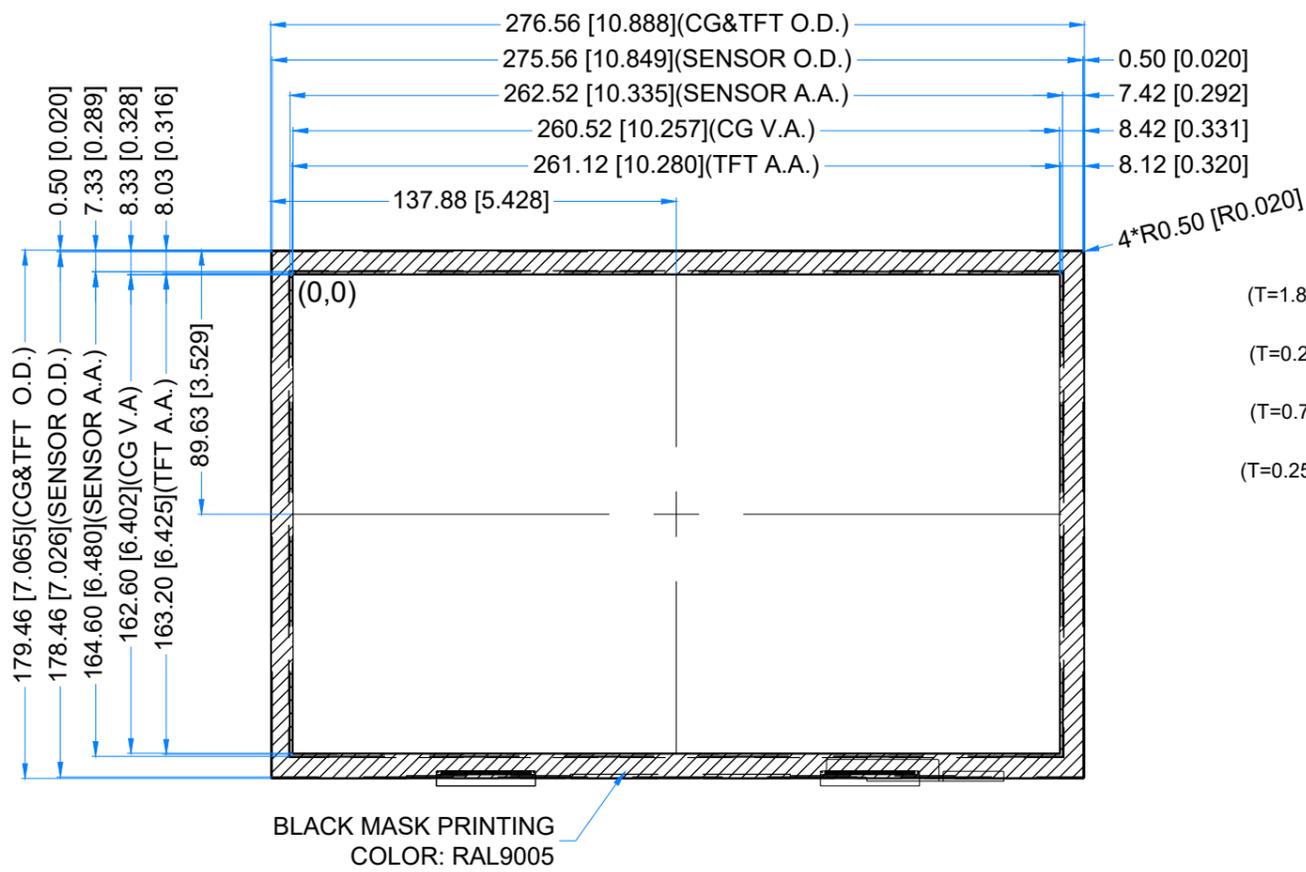
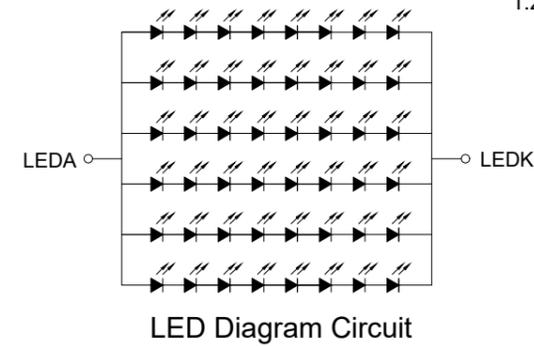
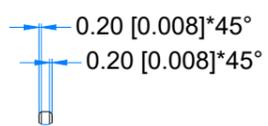


Revision:	Changes:	Date:
1.0	Initial Case	2023.03.19
1.1	PCB Position Update	2024.08.19



DETAIL A  
SCALE 4:1



1.25 MM MOLEX CONNECTORS		
NO.	TYPE	MATE WITH
P1 (RS232)	53261-0571	51021-0500
P2 (POWER)	53261-0671	51021-0600
P3 (RS485)	53261-0471	51021-0400
P6 (SWD)	53261-0671	51021-0600
P7 (HAPTIC)	53261-0271	51021-0200
P10 (USB)	53261-0571	51021-0500
P11 (CAN1)	53261-0471	51021-0400
P15 (CAN2)	53261-0471	51021-0400

1.27MM PIN HEADER AND SOCKET		
NO.	TYPE	MATE WITH
P8	CH51402M100-0P	CBC1402D100 OR CBC1402M100-2P
U9a & U9b	PBHTD20SPP-JL	CH51202V100 OR CH51202M100-0P
P13	62131021021	62200213421 (JUMPER)

**LCD NOTES:**  
1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS  
2. RESOLUTION: 1280x800  
3. VIEWING ANGLE: FREE  
4. SURFACE LUMINANCE: 850 cd/m<sup>2</sup>  
5. MCU ON THE BOARD: STM32H757XIH6  
6. EXTERNAL FLASH MEMORY SIZE: 512Mbit  
7. EXTERNAL SDRAM SIZE: 64Mbit (32-bit access)  
8. SUPPLY VOLTAGE FOR MODULE: 6.0V - 48.0V

**TP NOTES:**  
1. TP STRUCTURE: G+G  
2. CG THICKNESS: 1.80mm  
3. SURFACE HARDNESS: 6H  
4. DRIVER IC: ILI2511  
5. INTERFACE: CONNECTED TO MCU VIA I2C

**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. TOLERANCE OF PCB PLACEMENT: ±0.5mm[0.020inch]  
5. RoHS3 COMPLIANT

PN: RVT121HVSNWCA0-B  
SN:  
DRAWN: M.Natywa 2024.08.19 1:2.40  
CHECKED: M.Wierzbowski 2024.08.19 [mm]  
APPR: T.Soldat 2024.08.19 ISO A3

P. 1 of 1