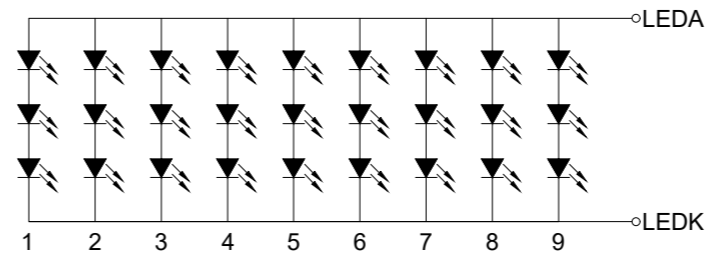
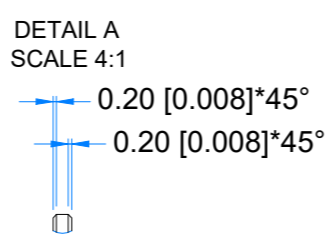
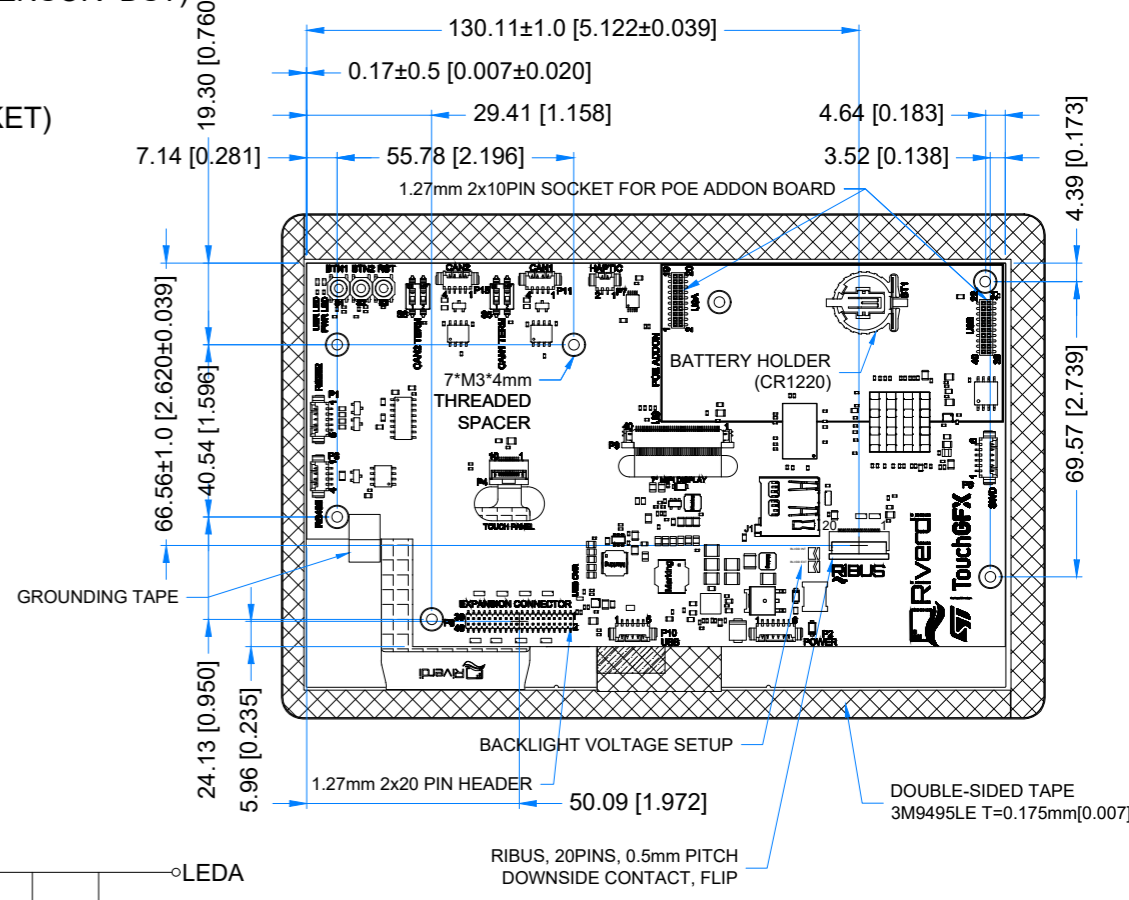
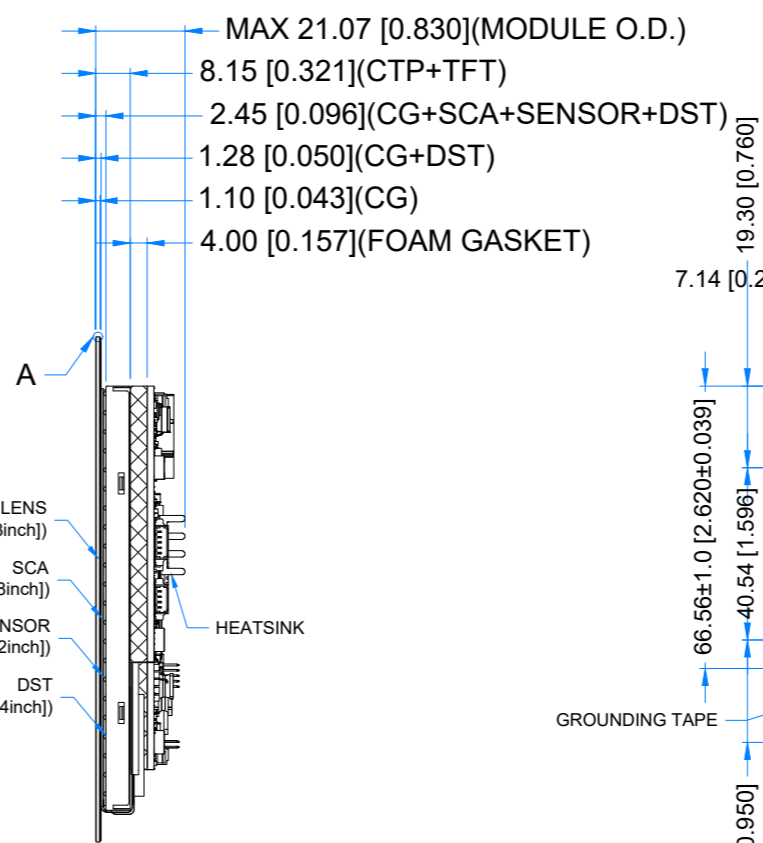
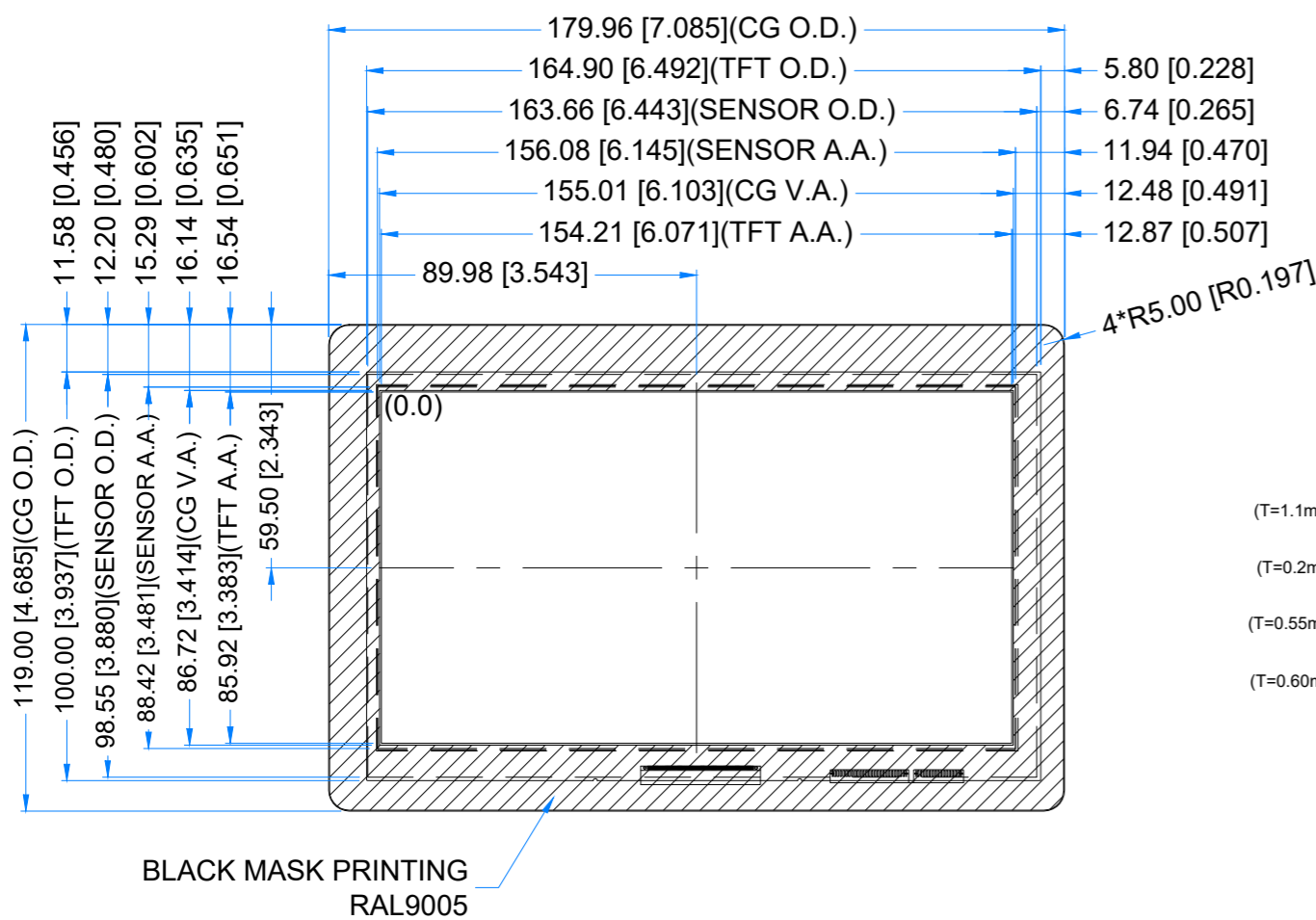


Revision:	Changes:	Date:
1.0	Initial Case	2022.04.08
1.1	Added Heatsink And Dimensions Overhaul	2022.07.12
1.2	PCB Update - 70STM32H7_Rev1.2	2022.10.28
1.3	PCB Update - 70STM32H7_Rev1.3	2024.07.04



LED Diagram Circuit

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	CH51202V100 OR CH51202M100-0P

**TFT NOTES:**  
 1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS  
 2. RESOLUTION: 1024x600  
 3. VIEWING ANGLE: FREE  
 4. SURFACE LUMINANCE: 800 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: 1.10mm[0.043inch]  
 3. SURFACE HARDNESS: 7H  
 4. DRIVER IC: ILI2132A  
 5. INTERFACE: CONNECTED TO MCU VIA I2C

**GENERAL NOTES:**  
 1. AIR BONDING  
 2. OPERATING TEMPERATURE: -20°C ~ 70°C  
 3. STORAGE TEMPERATURE: -30°C ~ 80°C  
 4. WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]  
 5. TOLERANCE OF PCB PLACEMENT: ±0.5mm[0.020inch]  
 6. RoHS3 COMPLIANT

PN: RVT70HSSNWC00			
SN:			
DRAWN: M.Natywa	2024.07.04	1:1.78	
CHECKED: M.Wierzbowski	2024.07.04	[mm]	
APPR: T.Soldat	2024.07.04	ISO A3	

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