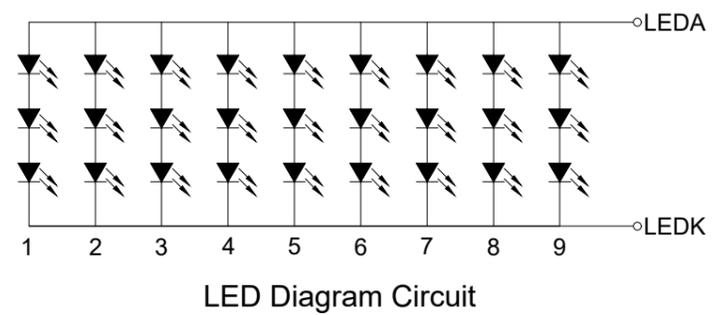
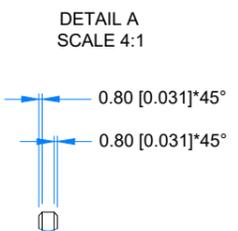
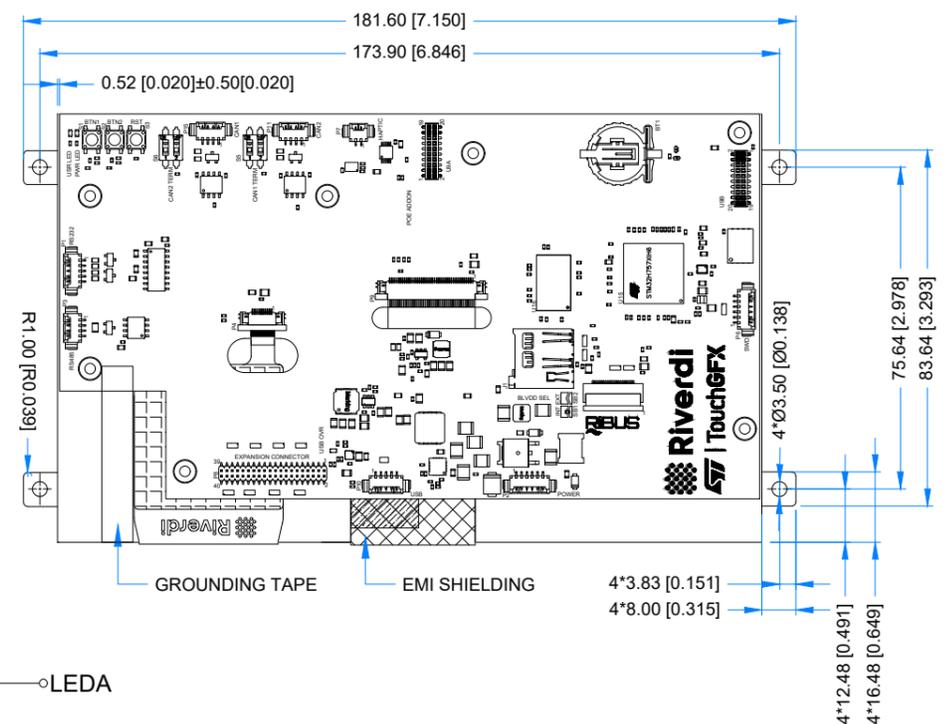
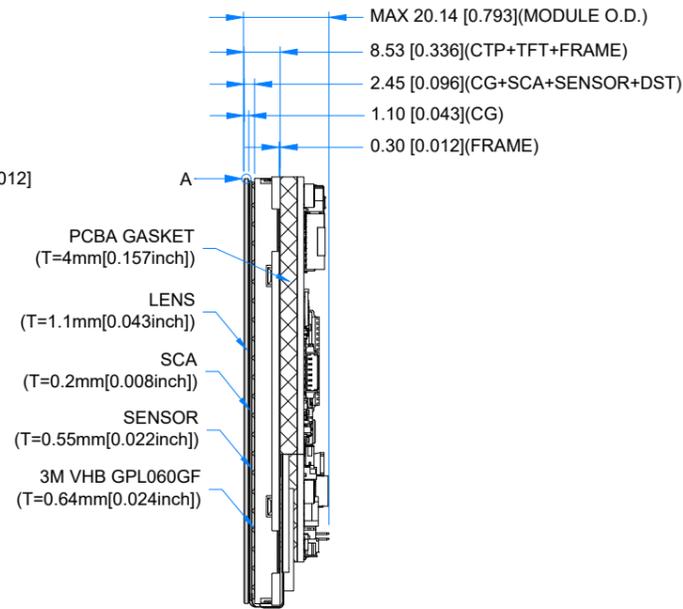
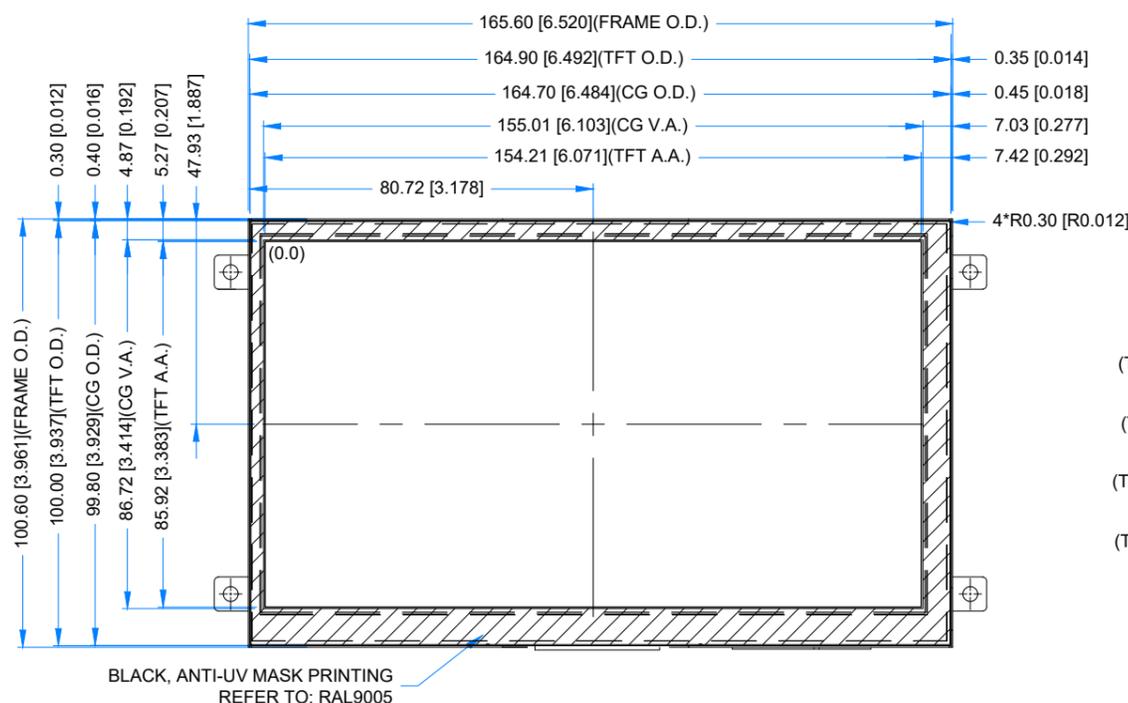


Revision:	Changes:	Date:
1.0	Initial Case	2026.01.12



### 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:**

- DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- RESOLUTION: 1024x600
- VIEWING ANGLE: FREE
- SURFACE LUMINANCE: 800 cd/m<sup>2</sup>
- MCU ON THE BOARD: STM32H757XIH6
- EXTERNAL FLASH MEMORY SIZE: 512Mbit
- EXTERNAL SDRAM SIZE: 64Mbit (32-bit access)
- SUPPLY VOLTAGE FOR MODULE: 6.0V - 48.0V

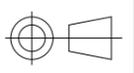
**TP NOTES:**

- TP STRUCTURE: G+G
- CG THICKNESS: 1.10mm[0.043inch]
- SURFACE HARDNESS: 7H
- DRIVER IC: ILI2132A
- INTERFACE: CONNECTED TO MCU VIA I2C

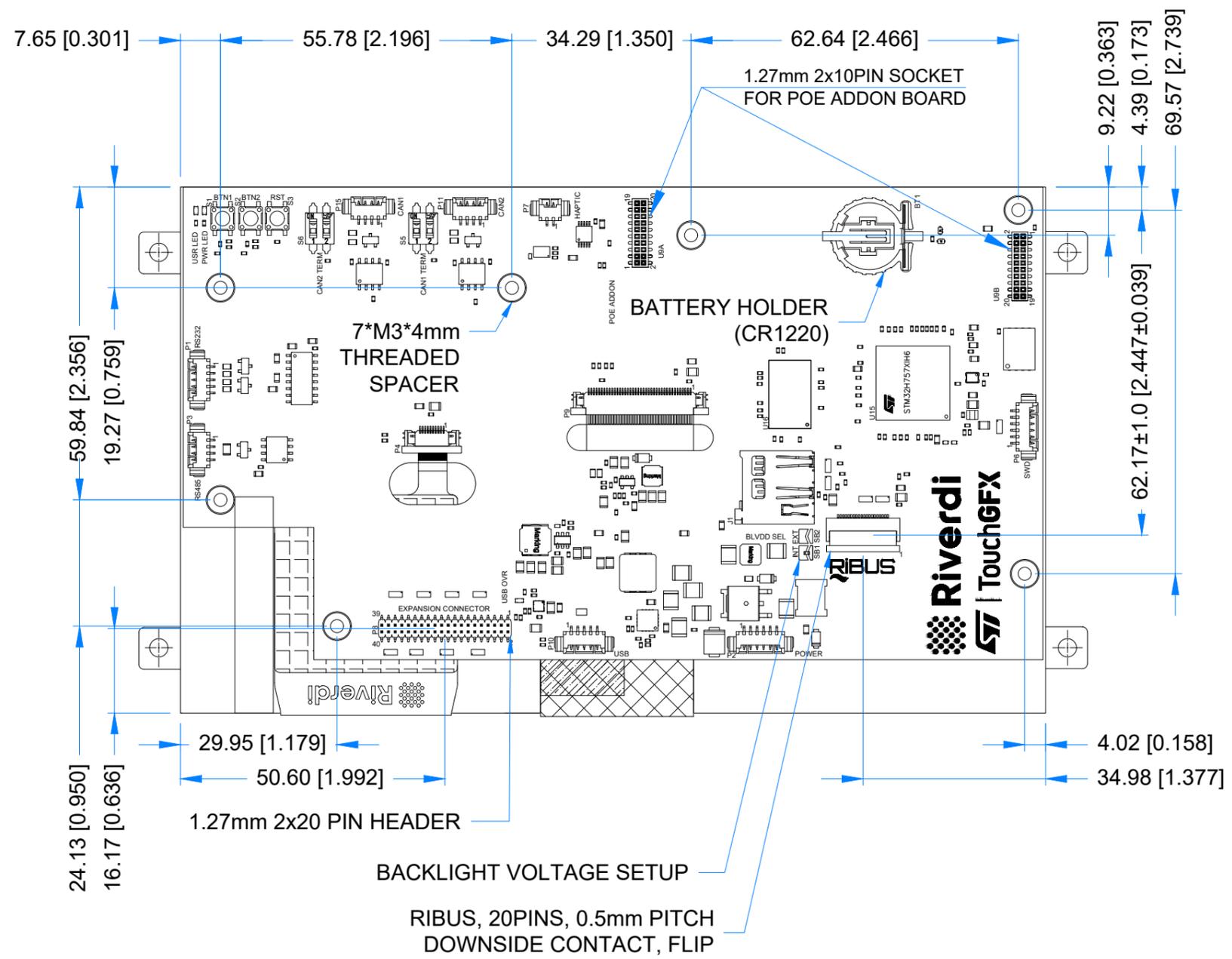
**GENERAL NOTES:**

- AIR BONDING
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
- RoHS3 COMPLIANT

PN: RVT70HSSFWCA0 V2.1A		
SN:		
DRAWN: M.Stabinski	2026.01.12	1:1.66
CHECKED: C.Gao	2026.01.21	[mm]
APPR: M.Wierzbowski	2026.01.21	ISO A3



Revision:	Changes:	Date:
1.0	Initial Case	2026.01.12



**GENERAL NOTES:**  
 1. TOLERANCE OF PCB PLACEMENT: ±0.5mm[0.020inch]

PN: RVT70HSSFWCA0 V2.1A			
SN:			
DRAWN: M.Stabinski	2026.01.12	1:1.66	
CHECKED: C.Gao	2026.01.21	[mm]	
APPR: M.Wierzbowski	2026.01.21	ISO A3	