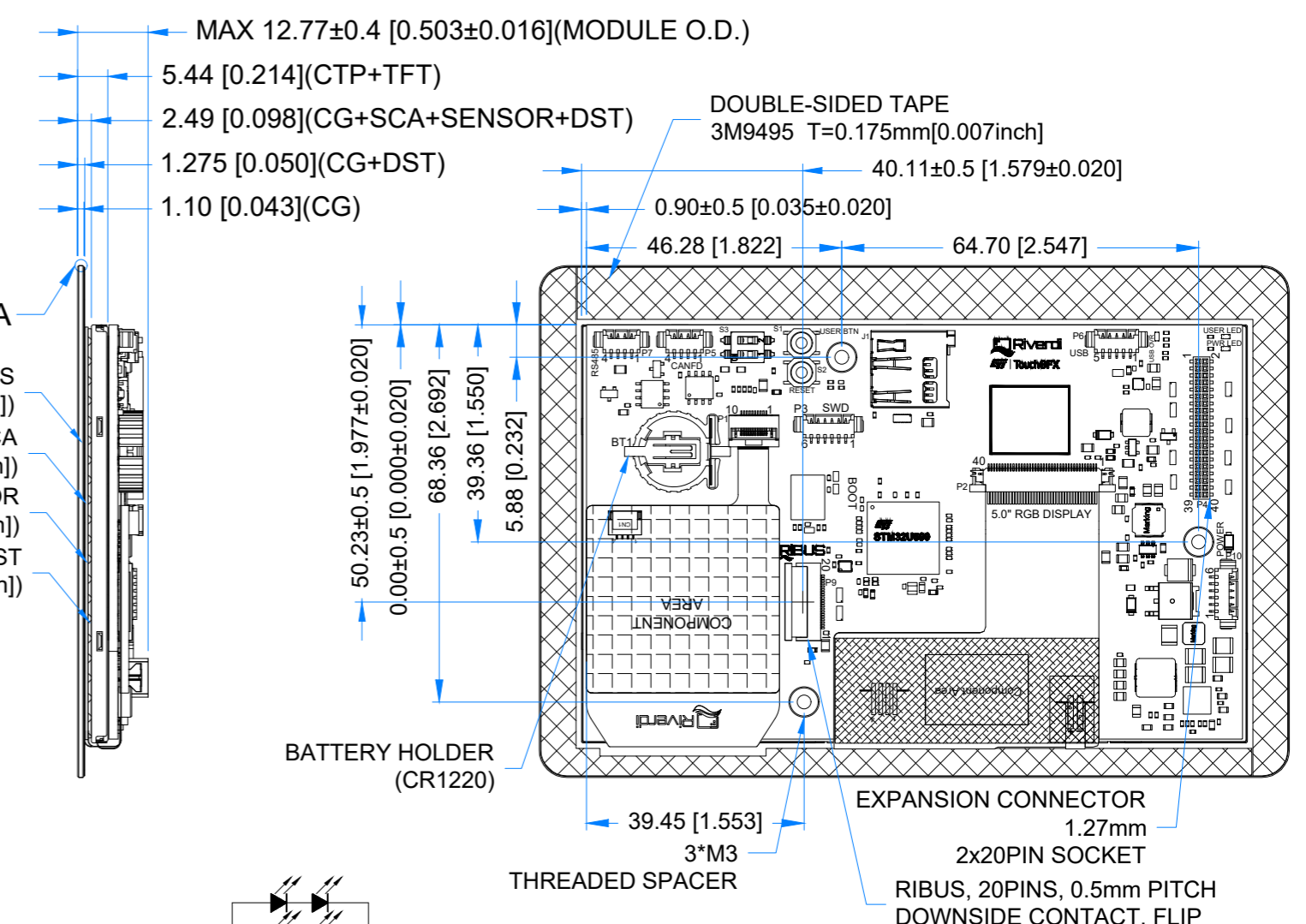
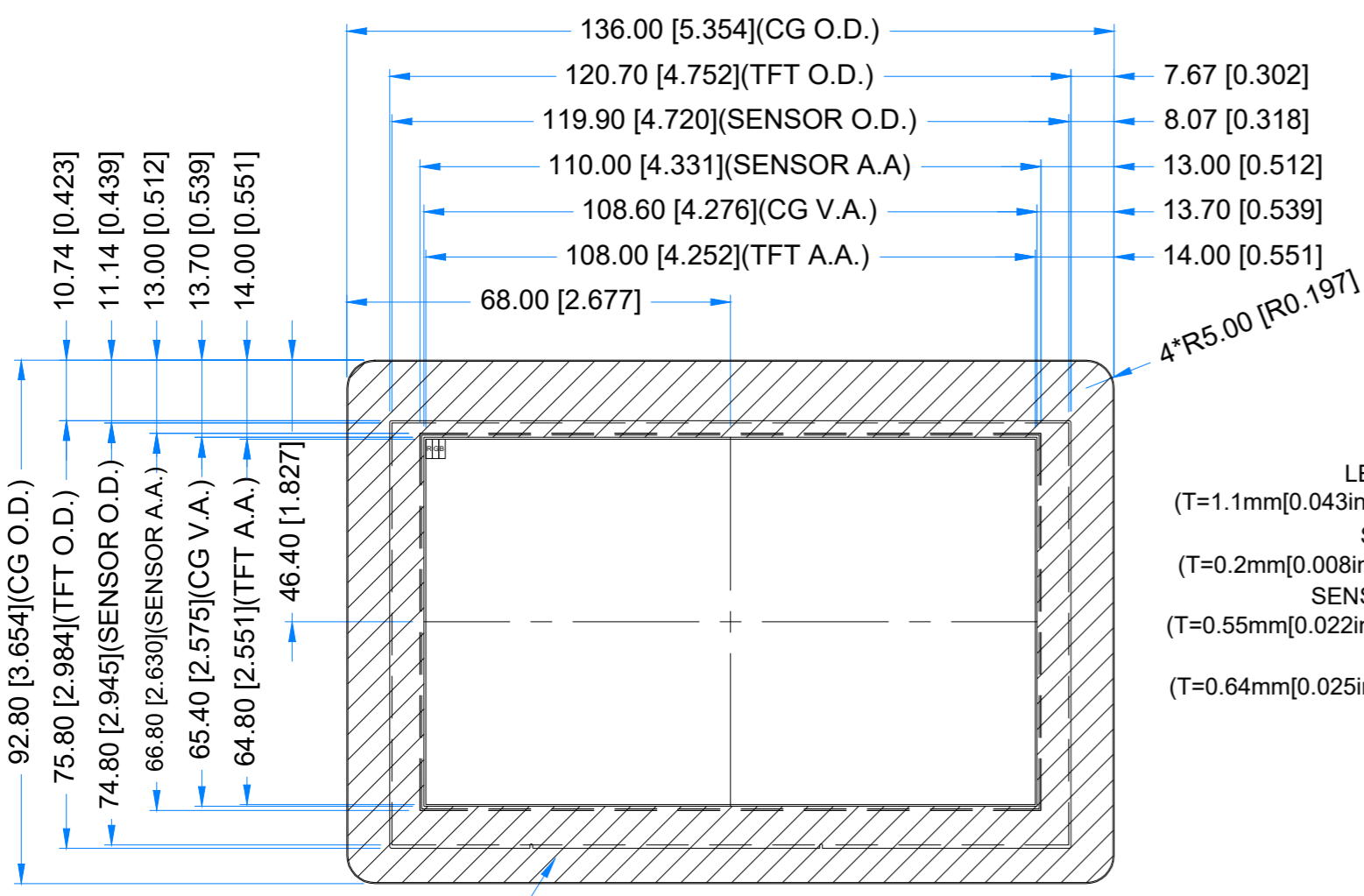
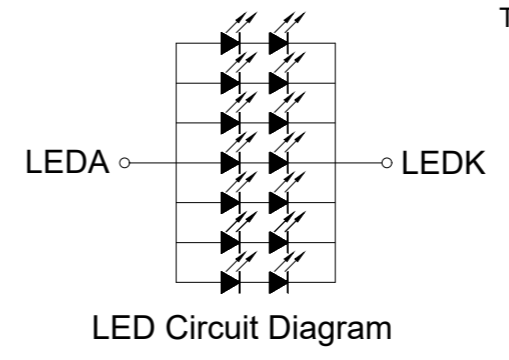
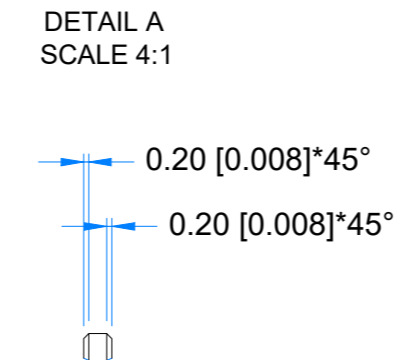


Revision:	Changes:	Date:
1.0	Initial Case	2024.04.05



- 4*R5.00 [R0.197]
- LENS (T=1.1mm[0.043inch])
- SCA (T=0.2mm[0.008inch])
- SENSOR (T=0.55mm[0.022inch])
- DST (T=0.64mm[0.025inch])



BLACK MASK PRINTING RAL9005

1.25 MM MOLEX CONNECTORS

NO.	TYPE	MATE WITH
P3 (SWD)	53261-0671	51021-0600
P5 (CAN)	53261-0471	51021-0400
P6 (USB)	53261-0571	51021-0500
P7 (RS485)	53261-0471	51021-0400
P10 (POWER)	53261-0671	51021-0600

1.27MM PIN SOCKET

NO.	TYPE	MATE WITH
P4	CBC1402M100-2P	CH51402M100-0P OR CH51402V100

- TFT NOTES:**
1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
 2. RESOLUTION: 800x480
 3. VIEWING ANGLE: FREE
 4. SURFACE LUMINANCE: 800 cd/m²
 5. MCU ON THE BOARD: STM32U5G9NQH6Q
 6. EXTERNAL FLASH MEMORY SIZE: 512Mbit
 7. 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: RVT50HQSNWC01		
SN:		
DRAWN: M.Natywa	2024.04.05	1:1.17
CHECKED: M.Wierzbowski	2024.04.05	[mm]
APPR: T.Soldat	2024.04.05	ISO A3

