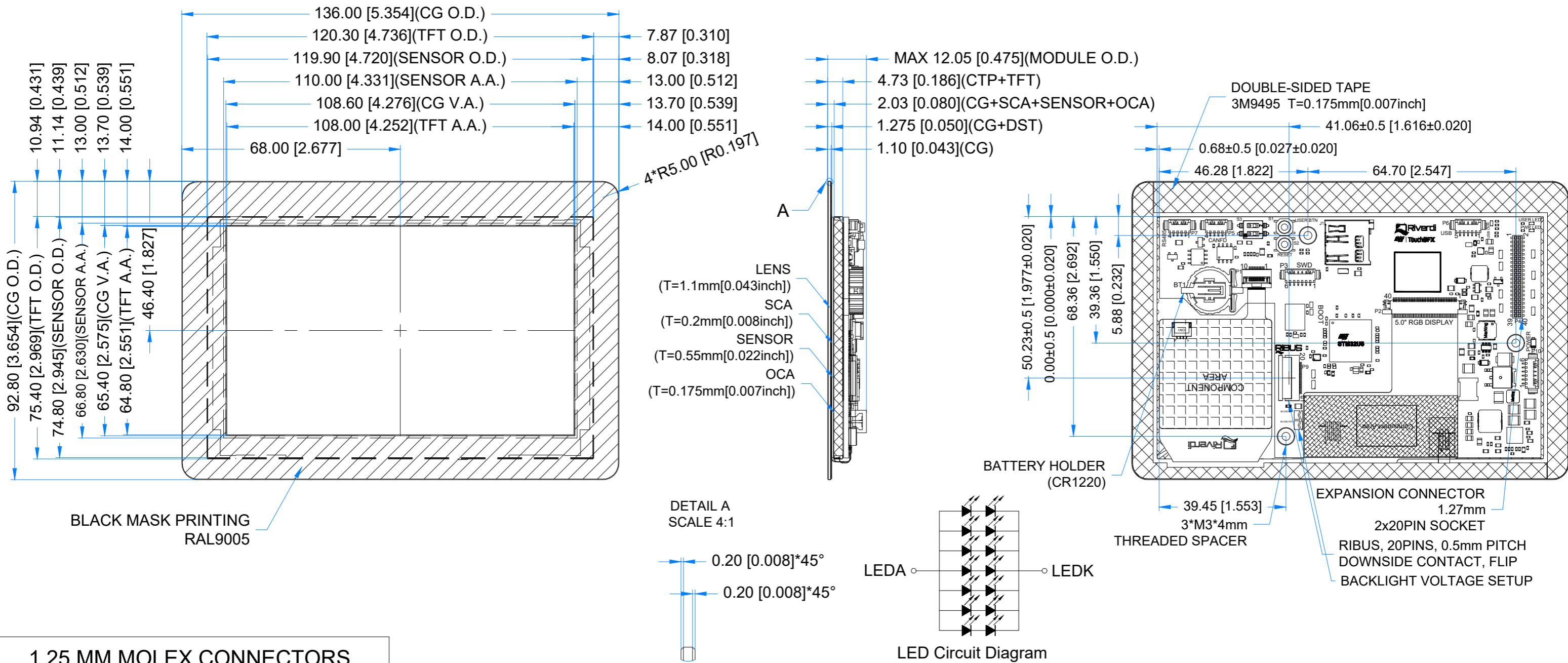


Revision:	Changes:	Date:
1.0	Initial Case	2023.05.24
1.1	PCB Update - 50STM32U5_Rev1.1	2024.07.12



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:**
- DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
 - RESOLUTION: 800x480
 - VIEWING ANGLE: FREE
 - SURFACE LUMINANCE: 850 cd/m²
 - MCU ON THE BOARD: STM32U5A9NJH6Q
 - EXTERNAL FLASH MEMORY SIZE: 512Mbit
 - 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:**
- OPTICAL BONDING
 - OPERATING TEMPERATURE: -20°C ~ 70°C
 - STORAGE TEMPERATURE: -30°C ~ 80°C
 - WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
 - TOLERANCE OF PCB PLACEMENT: ±0.5mm[0.020inch]
 - RoHS3 COMPLIANT

PN: RVT50HQSNWC00-B		
SN:		
DRAWN: M.Natywa	2024.07.12	1:1.19
CHECKED: M.Wierzbowski	2024.07.12	[mm]
APPR: T.Soldat	2024.07.12	ISO A3

