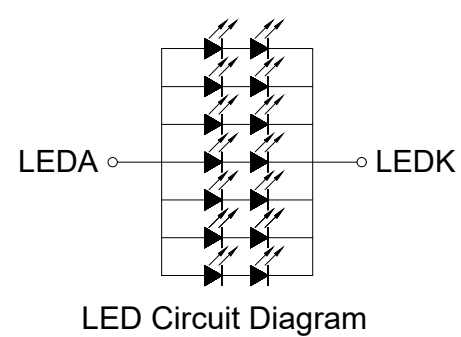
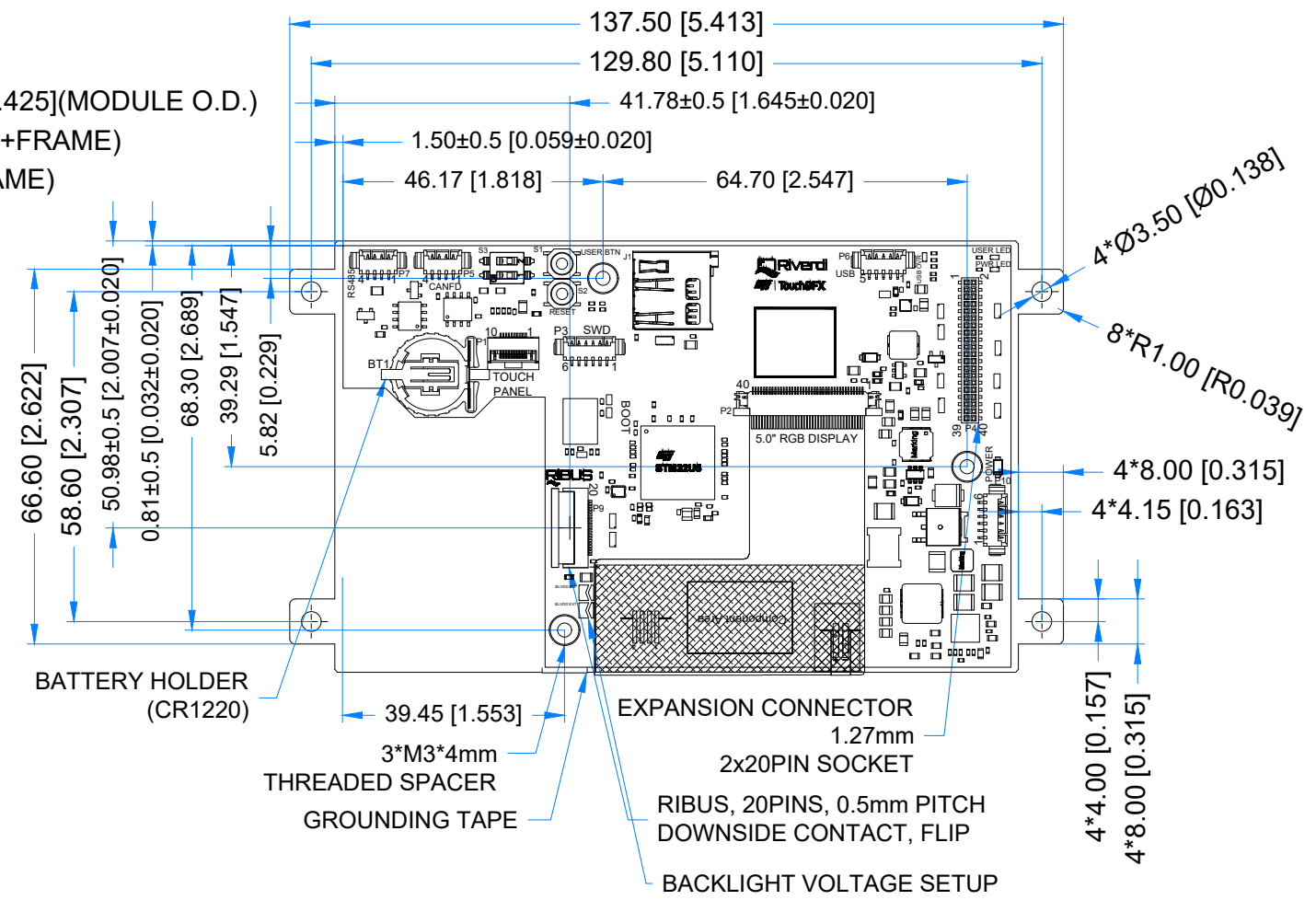
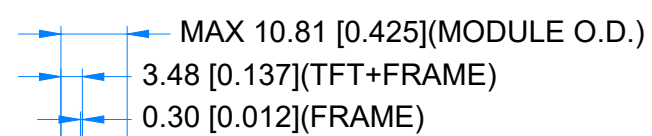
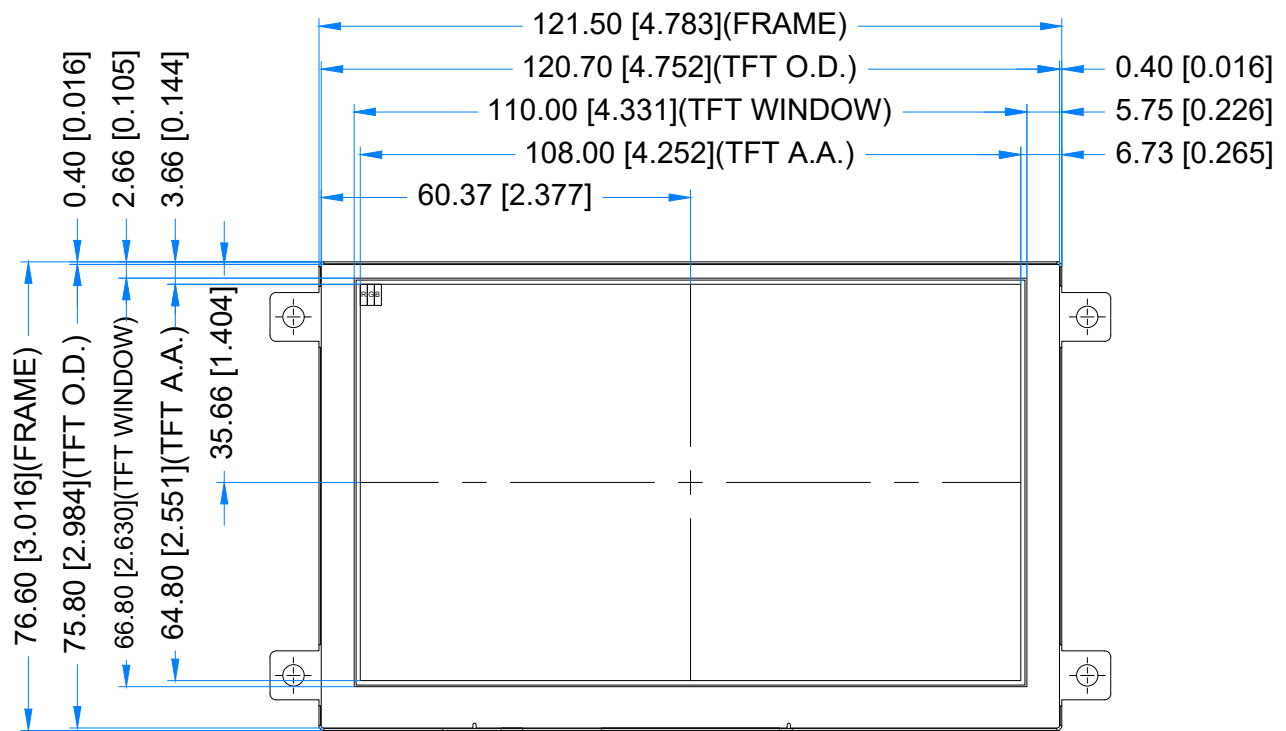


Revision:	Changes:	Date:
1.0	Initial Case	2023.05.24
1.1	PCB Update - 50STM32U5_Rev1.1	2024.07.12



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:

1. DISPLAY TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
2. RESOLUTION: 800x480
3. VIEWING ANGLE: FREE
4. SURFACE LUMINANCE: 1000 cd/m²
5. MCU ON THE BOARD: STM32U5A9NJH6Q
6. EXTERNAL FLASH MEMORY SIZE: 512Mbit
7. SUPPLY VOLTAGE FOR MODULE: 6.0V - 48.0V

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: RVT50HQSFWN00	
SN:	
DRAWN: M.Natywa	2024.07.12
CHECKED: M.Wierzbowski	2024.07.12
APPR: T.Soldat	2024.07.12



1:1.24	
[mm]	
ISO A3	P. 1 of 1