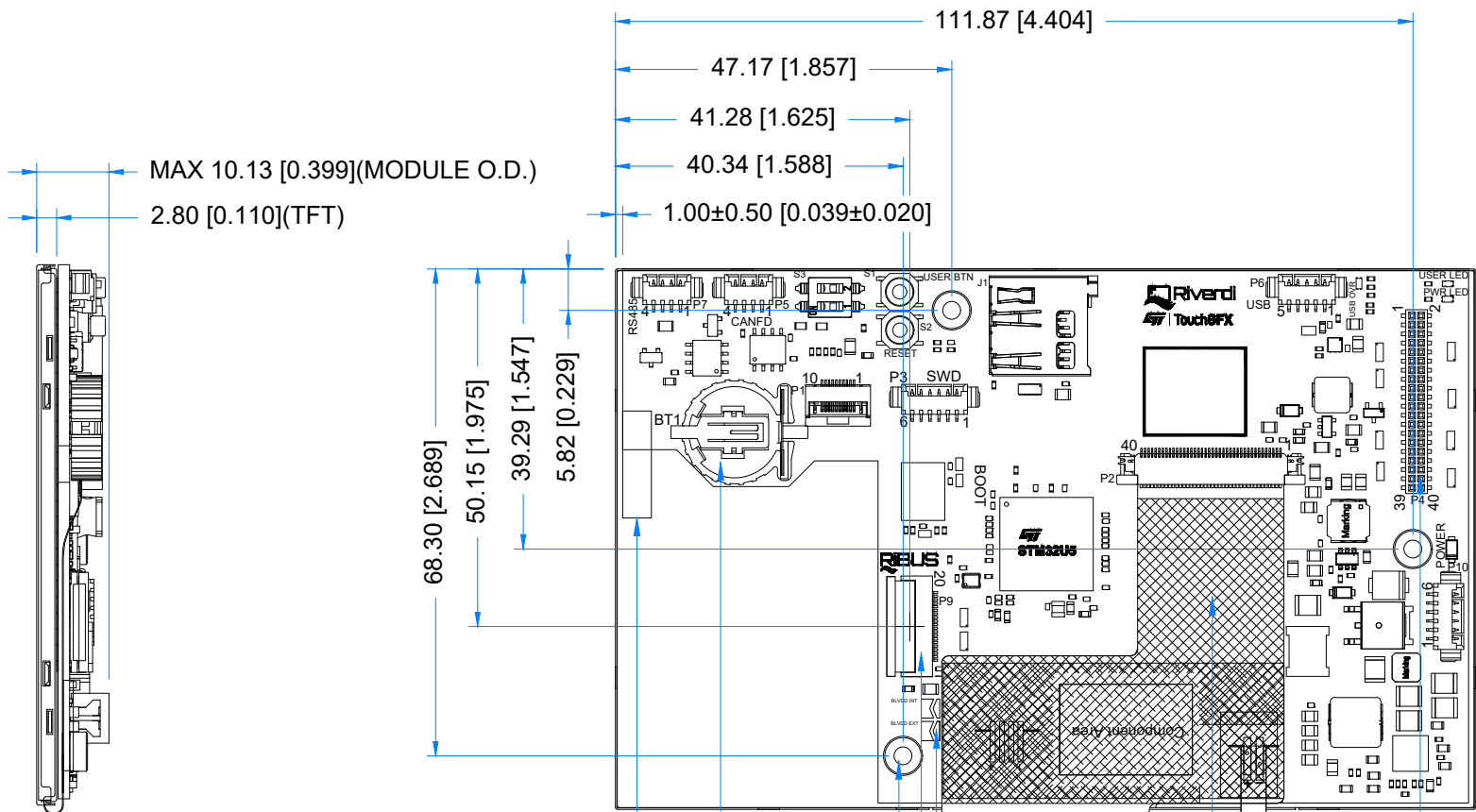
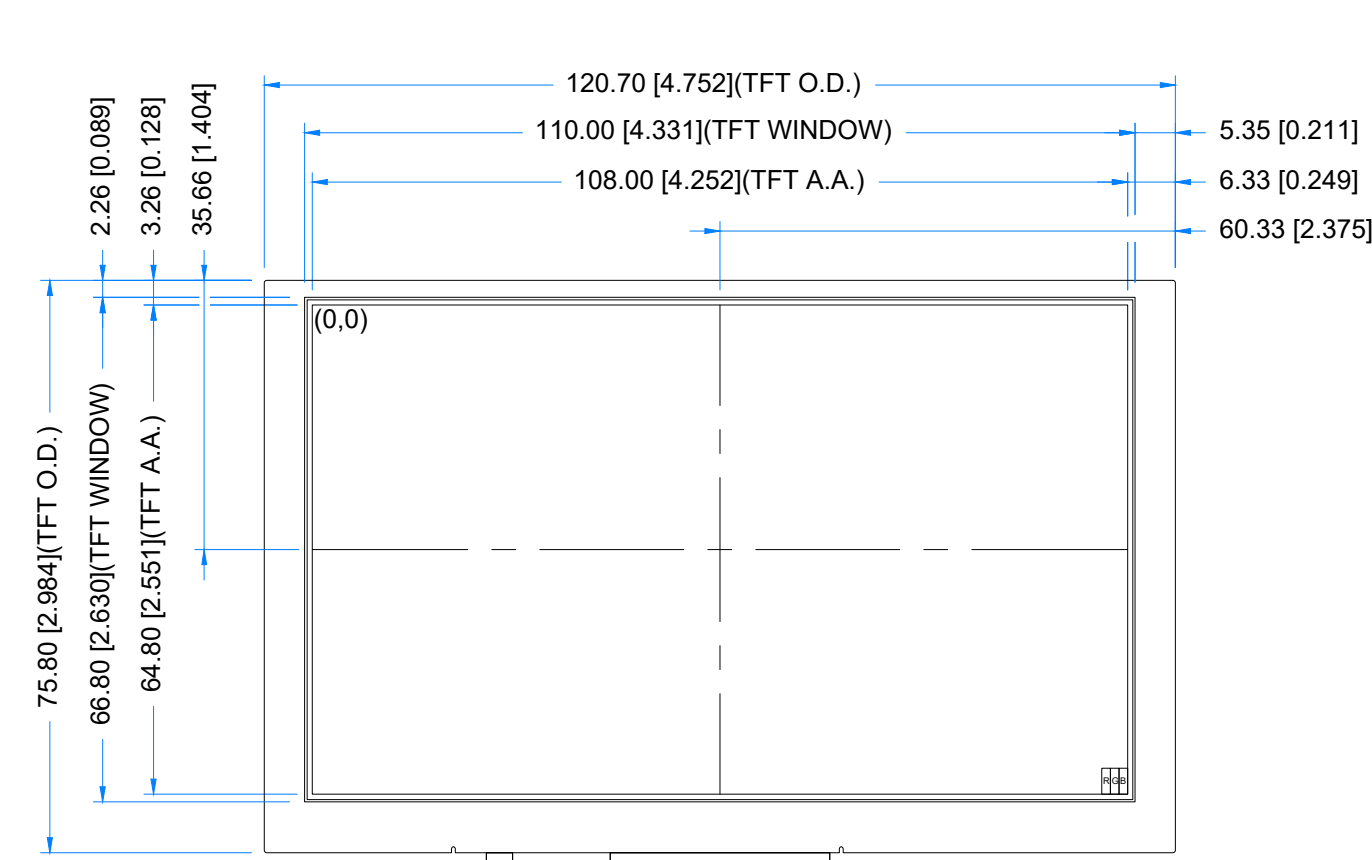
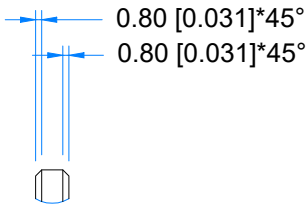




DETAIL A
SCALE 4:1



LED Circuit Diagram

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: 1000cd/m ² 5. MCU ON THE BOARD: STM32U5G9NJH6Q 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: RVT50HQSNNWN01 V2.0A			
			SN:			
			DRAWN: M.Stabinski	2026.04.29	1:1.00	
			CHECKED: M.Wierzbowski	2026.04.29	[mm]	
APPR: M.Wierzbowski	2026.04.29	ISO A3	P. 1 of 1			