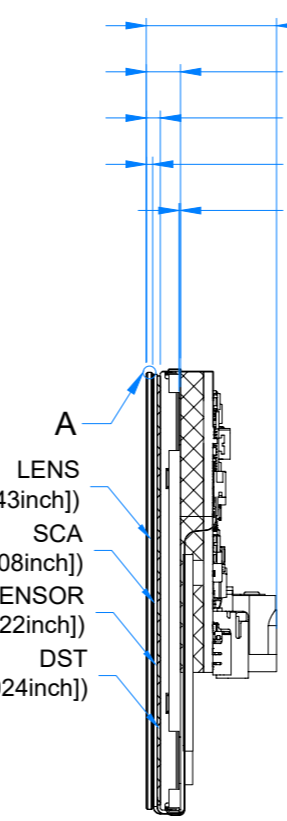
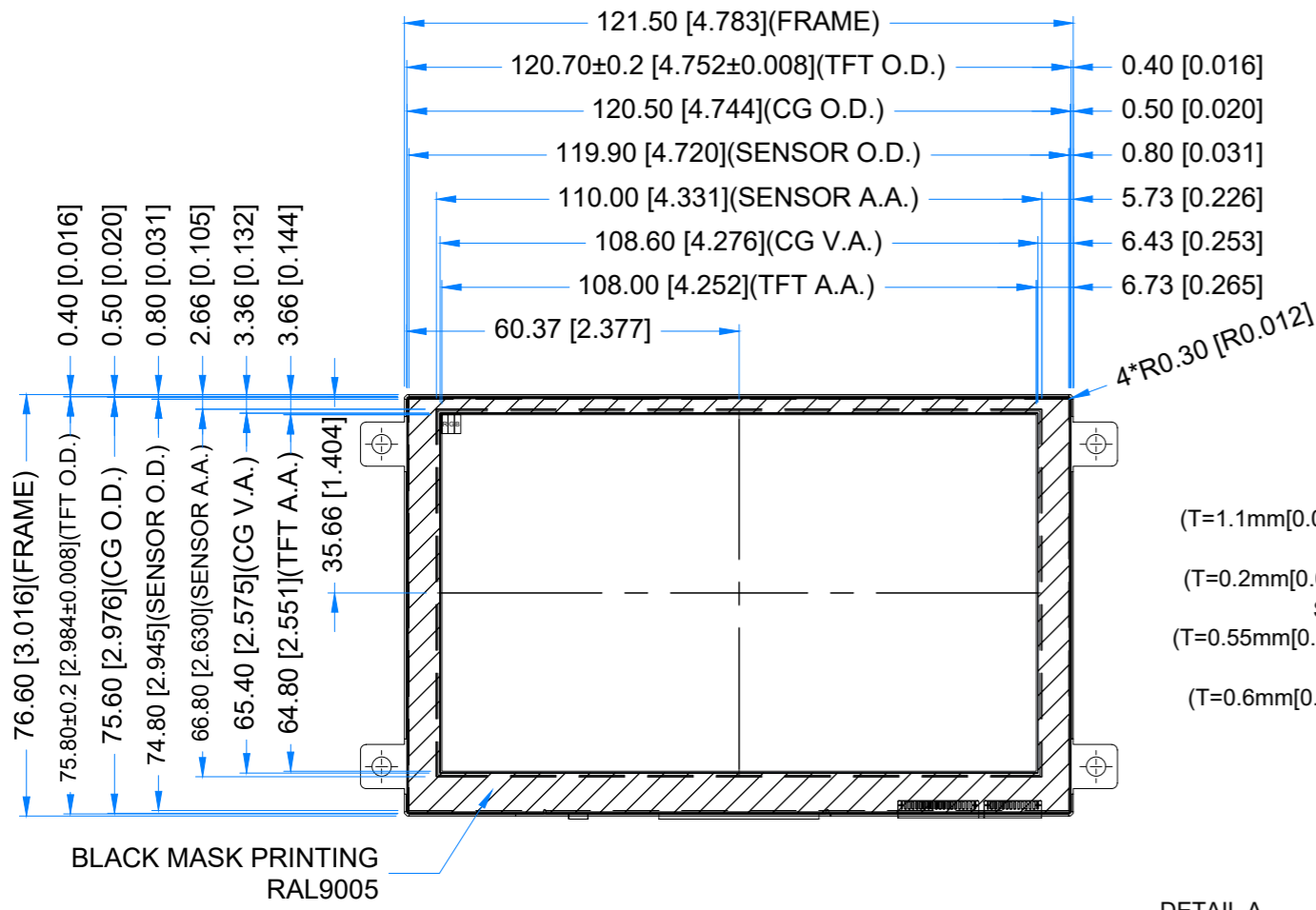
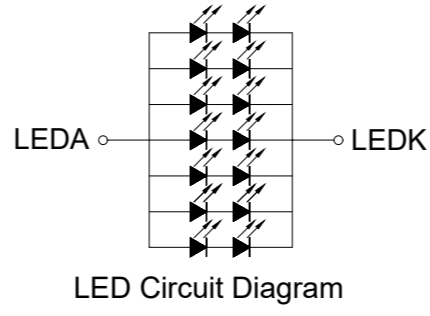
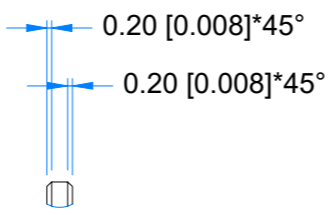


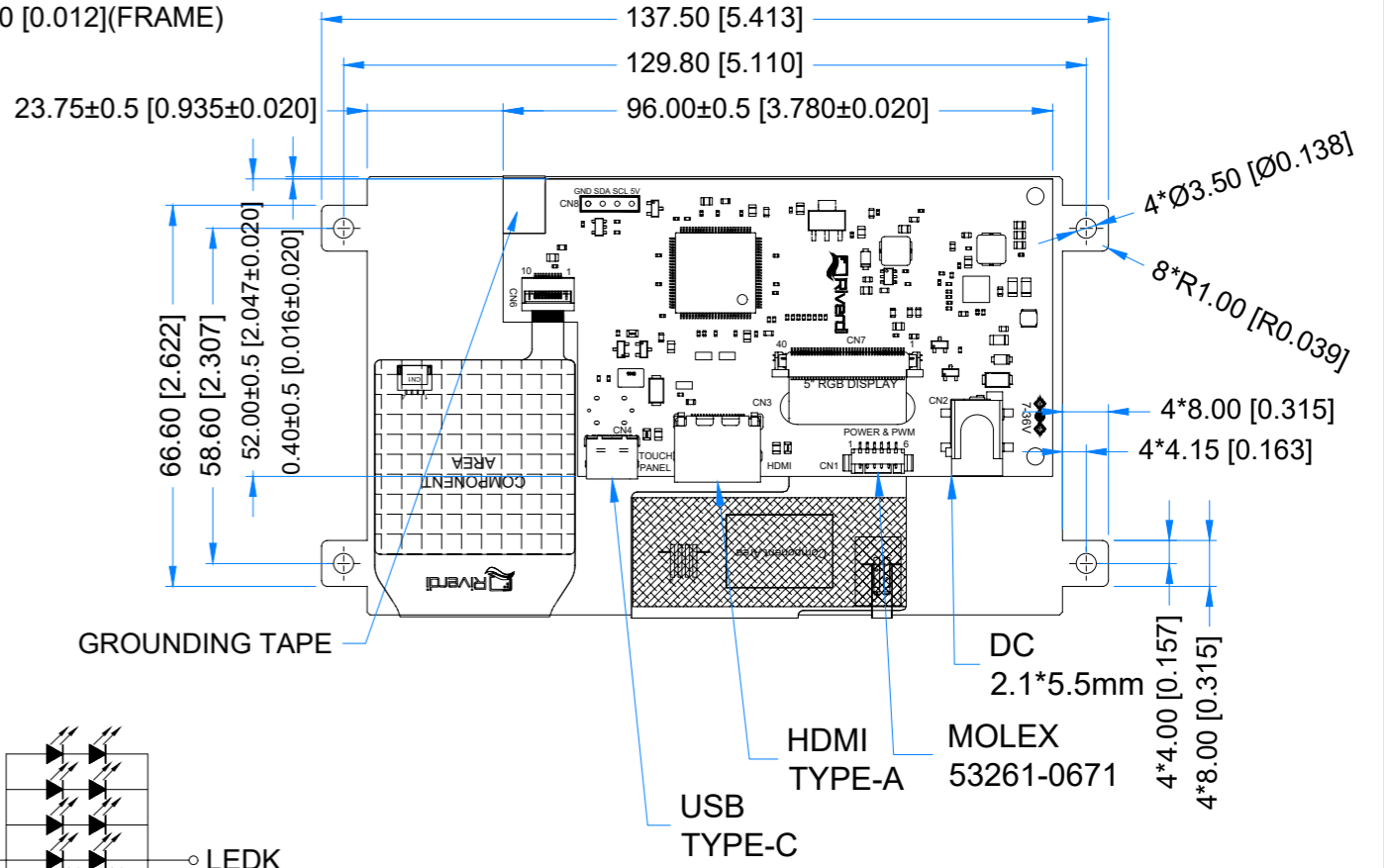
Revision:	Changes:	Date:
1.0	Initial Case	2023.01.19



DETAIL A  
SCALE 4:1



- MAX 22.54±0.4 [0.887±0.016](MODULE O.D.)
- 5.93 [0.233](CTP+TFT+FRAME)
- 2.45 [0.096](CG+SCA+SENSOR+DST)
- 1.10 [0.043](CG)
- 0.30 [0.012](FRAME)



PINOUT ON THE 2ND PAGE

**LCM NOTES:**  
 1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS  
 2. RESOLUTION: 800x480  
 3. VIEWING ANGLE: FREE  
 4. MODULE SURFACE LUMINANCE: 800 cd/m<sup>2</sup>  
 4. CONTROLLER IC OF MAIN BOARD: TFP401APZPR  
 5. VIDEO INTERFACE: HDMI  
 7. POWER SUPPLY: POWER JACK (7.0-36.0V); USB-C.

**TP NOTES:**  
 1. TP STRUCTURE: G+G  
 2. CG THICKNESS: 1.10mm[0.043inch]  
 3. SURFACE HARDNESS: 7H  
 4. DRIVER IC: ILI2132A  
 5. INTERFACE:USB-C

**GENERAL NOTES:**  
 1. AIR BONDING BETWEEN TFT AND CTP  
 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: RVT50HQHFWCA0			
SN:			
DRAWN: M.Natywa	2023.01.19	1:1.31	
CHECKED: Carol Gao	2023.02.24	[mm]	
APPR:			



BACKLIGHT PWM & POWER - CN1			
Pin No.	Desc.	Pin No.	Desc.
1	VDD	2	VDD
3	PWM	4	EN
5	GND	6	GND