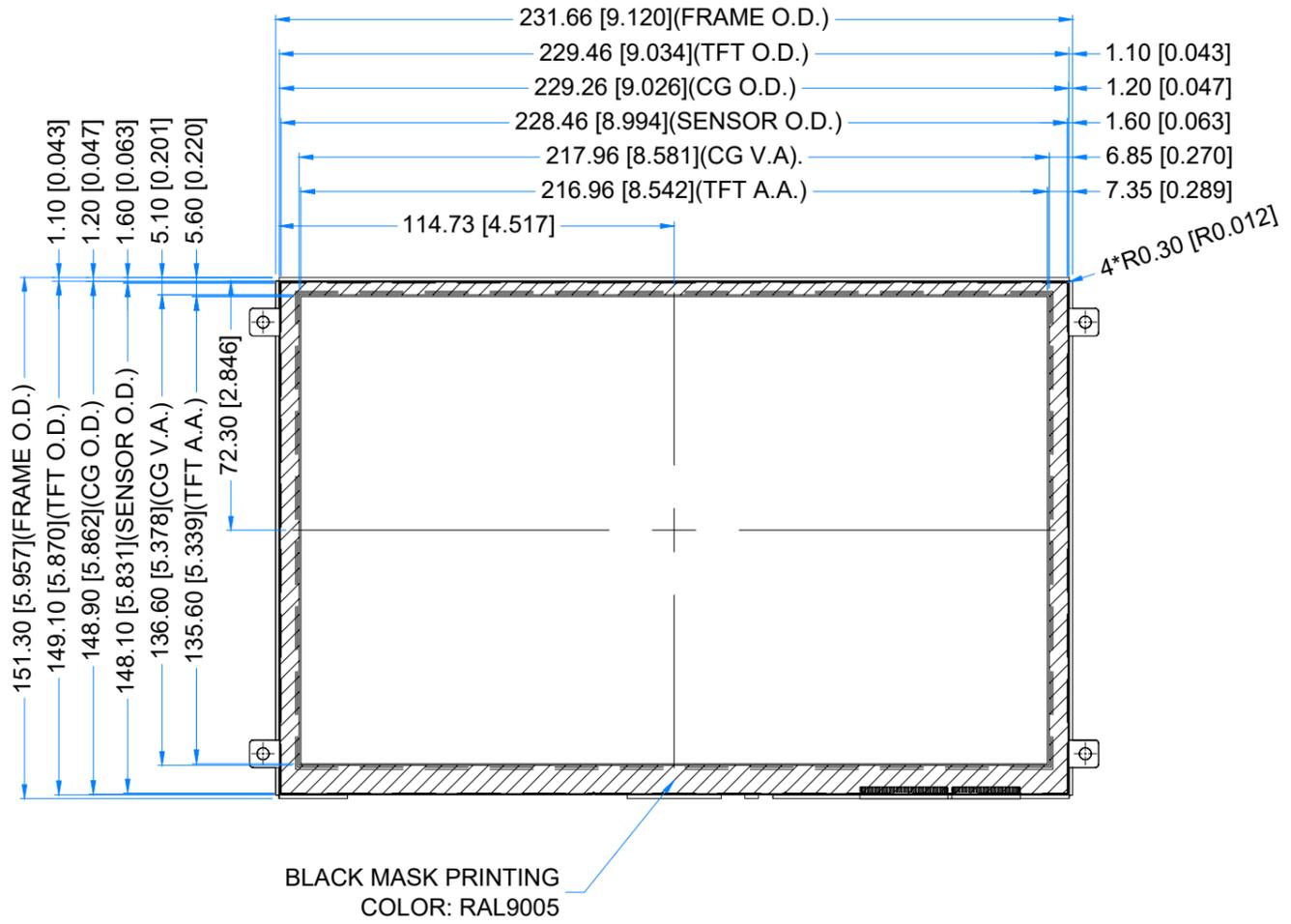
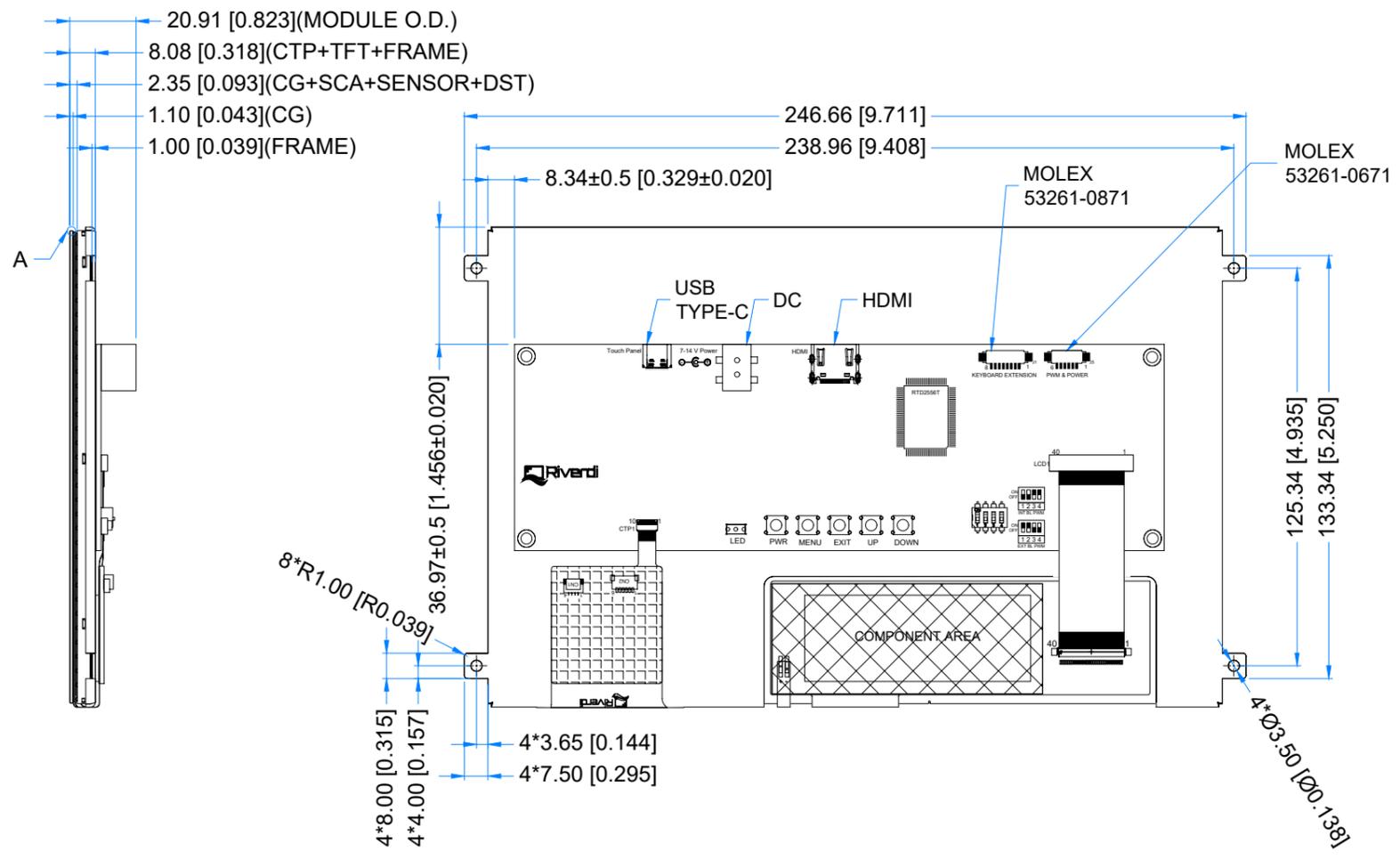


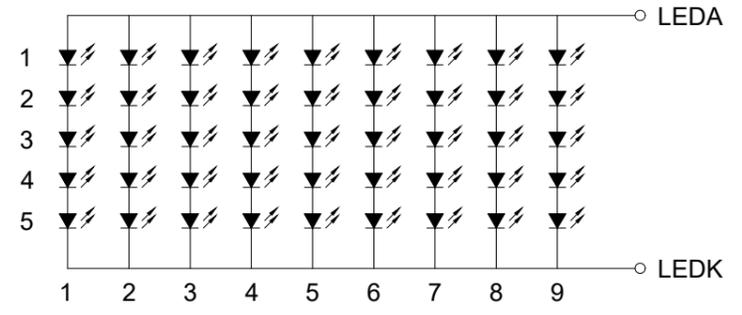
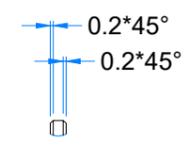
Revision:	Changes:	Date:
1.0	Initial Case	2021.08.09
1.1	PCB Update	2022.01.05
1.2	1:1 Replacement: From RTD2556T To RTD2556QR	2022.12.15



BLACK MASK PRINTING
COLOR: RAL9005



DETAIL A
SCALE 4:1



LED Diagram Circuit

LCM NOTES:
 1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
 2. RESOLUTION: 1280x800
 3. VIEWING ANGLE: FREE
 4. CONTROLLER IC OF MAIN BOARD: RTD2556QR
 5. VIDEO INTERFACE: HDMI
 6. POWER SUPPLY: POWER JACK (7.0-14.0V)
 7. MODULE SURFACE LUMINANCE: 800cd/m²
 8. ZERO BAD PIXEL

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. MODULE SURFACE LUMINANCE:800 cd/m²
 2. OPERATING TEMPERATURE: -20°C ~ 70°C
 3. STORAGE TEMPERATURE: -30°C ~ 80°C
 4. WITHOUT INDIVIDUAL TOLERANCE:
 ±0.3mm[0.012inch]
 5. RoHS3 COMPLIANT

PN: RVT101HVHFWCA0
 SN:
 DRAWN: M.Natywa
 CHECKED: Carol Gao
 APPR: Carol Gao



2022.12.15	1:1.98	
2022.12.15	[mm]	
2022.12.15	ISO A3	



EXTERNAL KEYBOARD CONNECTOR - J1			
Pin No.	Desc.	Pin No.	Desc.
1	DOWN	2	UP
3	EXIT	4	MENU
5	PWR	6	LED_EN
7	GND	8	KEYBOARD VDD

BACKLIGHT PWM & POWER - J5			
Pin No.	Desc.	Pin No.	Desc.
1	GND	2	GND
3	EN	4	PWM
5	VDD	6	VDD