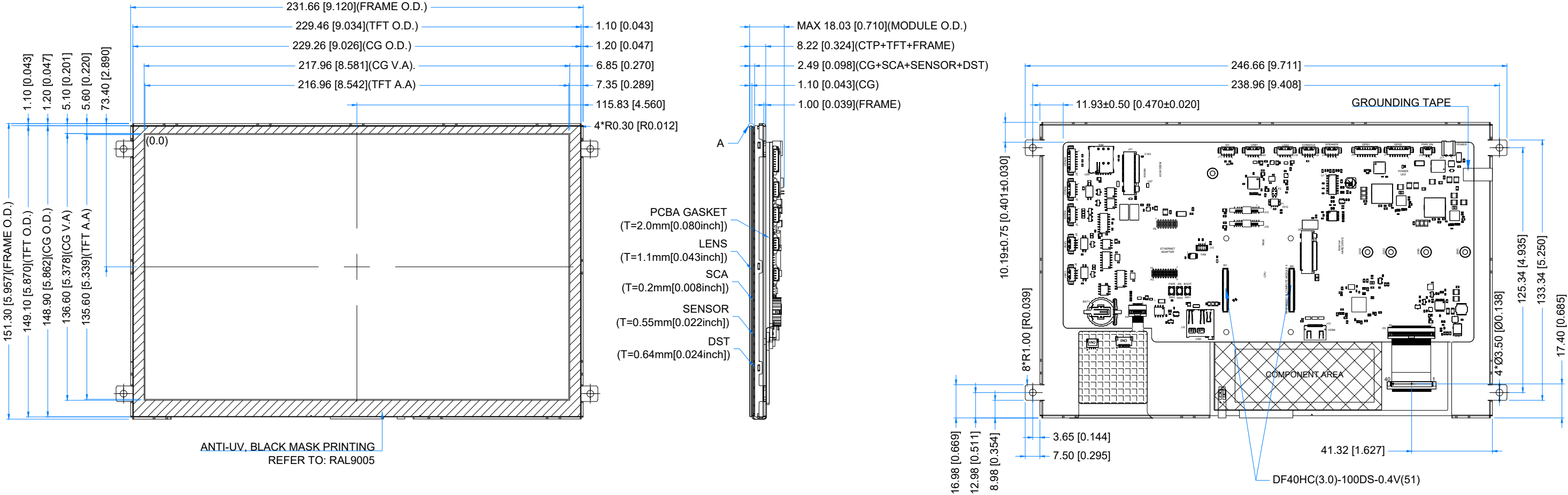
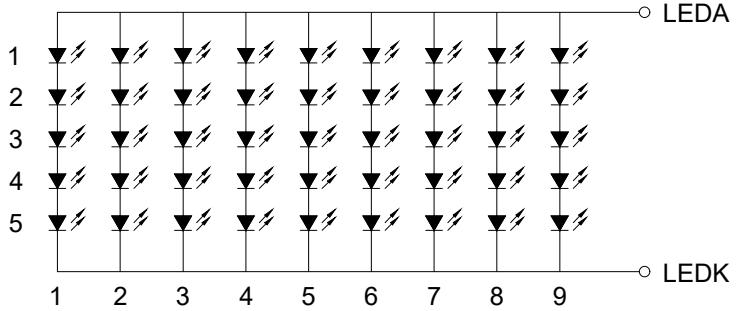
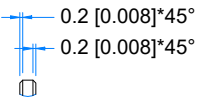


Revision:	Changes:	Date:
1.0	Initial Case	2025.11.13
1.1	Changed PCBA Board & PCBA Gasket	2026.07.21
1.2	Changed PCBA Position, DST Thickness and total module thickness	2026.09.04



DETAIL A
SCALE 4:1



LED Diagram Circuit

1.25 MM MOLEX CONNECTORS			1.25 MM MOLEX CONNECTORS		
NO.	TYPE	MATE WITH	NO.	TYPE	MATE WITH
J18 (PWR_EN)	53261-0271	51021-0200	J20 (USB1)	53261-0571	51021-0500
J7 (GPIO2)	53261-0871	51021-0800	J11 (I2C)	53261-0471	51021-0400
J9 (GPIO1)	53261-0871	51021-0800	J8 (SPI/I2C)	53261-0871	51021-0800
J1 (SPEAKER)	53261-0471	51021-0400	J5 (RS422)	53261-0571	51021-0500
J2 (CONSOLE)	53261-0471	51021-0400	J3 (RS232)	53261-0571	51021-0500
J19 (USB2)	53261-0571	51021-0500	J6/J4 (CAN0/CAN1)	53261-0471	51021-0400

NO.	TYPE	MATE WITH
J17 (POWER)	PTSM 0.5/2-HH1-2.5-THR R16	PTSM 0.5/2-P-2.5

LCM NOTES: 1. LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS 2. RESOLUTION: 1280x800 3. VIEWING ANGLE: FREE 4. SUPPLY VOLTAGE FOR MODULE: 7.5V-55V 5. RaspberryPI Compute Module 4	TP NOTES: 1. TP STRUCTURE: G+G 2. CG THICKNESS: 1.10mm[0.043inch] 3. SURFACE HARDNESS: 7H 4. DRIVER IC: ILI2132A 5. INTERFACE: CONNECTED TO CM4 VIA I2C	GENERAL NOTES: 1. MODULE SURFACE LUMINANCE:800 cd/m^2 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: RVT101HVCFWCA0 V1			
			SN:			
			DRAWN: M.Stabinski	2026.09.03	1:2.07	
			CHECKED: M.Wierzbowski	2026.09.10	[mm]	
APPR: M.Wierzbowski	2026.09.10	ISO A3	P. 1 of 1			