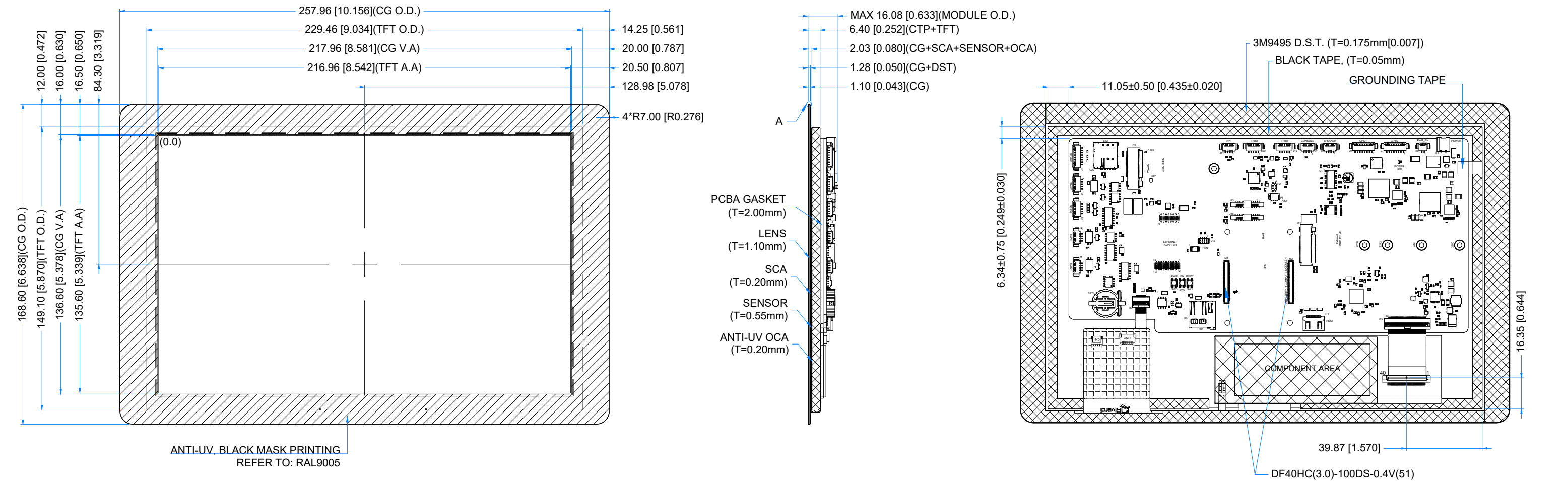


Revision:	Changes:	Date:
1.0	Initial Case	2025.11.13
1.1	Changed PCBA Board & PCBA Gasket	2026.07.21



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

LCM NOTES:

- LCD TYPE: TRANSMISSIVE, NORMALLY BLACK, IPS
- RESOLUTION: 1280x800
- VIEWING ANGLE: FREE
- SUPPLY VOLTAGE FOR MODULE: 7.5V-55V
- RaspberryPI Compute Module 4

TP NOTES:

- TP STRUCTURE: G+G
- CG THICKNESS: 1.10mm[0.043inch]
- SURFACE HARDNESS: 7H
- DRIVER IC: ILI2132A
- INTERFACE: CONNECTED TO CM4 VIA I2C

GENERAL NOTES:

- MODULE SURFACE LUMINANCE:850 cd/m^2
- OPERATING TEMPERATURE: -20°C ~ 70°C
- STORAGE TEMPERATURE: -30°C ~ 80°C
- WITHOUT INDIVIDUAL TOLERANCE: ±0.3mm[0.012inch]
- RoHS3 COMPLIANT

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

PN: RVT101HVUNWC00-B V1

SN:

DRAWN: M.Stabinski2026.07.211:2.01

CHECKED: M.Wierzbowski2026.07.21[mm]

APPR: M.Wierzbowski2026.07.21ISO A3P. 1 of 1

LED Diagram Circuit

DETAIL A SCALE 4:1

0.2 [0.008]*45°

0.2 [0.008]*45°

LEDA

LEDK